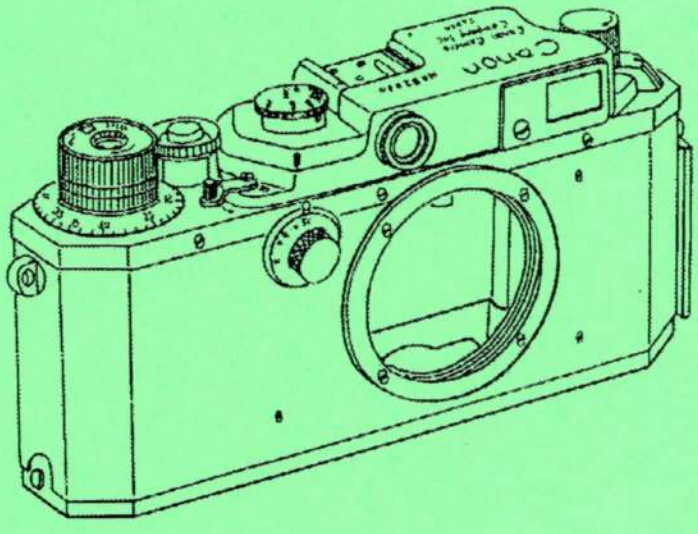
Canon

RANGEFINDER CAMERA

Service Manual and Parts List

MODEL IV-S2

And Previous Models
II-A, II-B, II-D, II-F, II-S, III, III-A, IV, IV-S



Section I

TROUBLE AND REMEDY

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II. SHUTTER MECHANISM I-2
III. RANGE-VIEWFINDER SYSTEM I-4
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I. FILM WINDING AND REWINDING

TROUBLE	PROBABLE CAUSE	REMEDY	SEE PAR. & PAGE	SEE SHT NO.
1. Winding Knob inoperable	a. 3413 and or 3416 missing or broken	a. Replaoe	1a, II-1	16
	b. 3212 and 3313 positioned inoorreotly.	b. Adjust	1a, II-1	14, 16
2. Winding Knob too heavy	a. Bearings dirty, rusted or out of lubricant	a. Clean and lubricate	1b, II-1	
	b. 3041, 3064 dirty or out of lubricant	b. Clean and lubricate	1b, II-1	14
	o. Film chip stuck in.	o. Remove film chip		
3. Winding Shaft baoklash	a. Spring 3064 loose	a. Adjust or replaoe 3064	1o, II-1	14
4. Winding Shaft turns reverse	a. Spring 3064 broken	a. Replaoe 3064	1od, II-1	
5. Loose Exposure Counting Dial	a. Spring 3063 weak	a. Adjust 3063	1o, II-1	14
6. Shutter oooks but film does not advanoe, or film perforations tear	a. Spring of spool holder 3042 weak	a. Adjust 3042	1f, II-1	14
	b. Spring 3043 weak	b. Adjust 3043	1f, II-1	14
7. Pioture frames overlap film perforations	a. 3416, 4210 gearing out of alignment	a. Align 3416, 4210	1g, II-2	16, 18
8. Rewinding Knob inoperable	a. 3212 and 3313 positioned inoorreotly	a. Adjust 3212, 3313	1a, II-1	14, 16

II. SHUTTER MECHANISM (I)

TROUBLE	PROBABLE CAUSE	REMEDY	SEE PAR. & PAGE	SEE SHT No.
1. High Speed Dial out of position or loose	a. Set screw 4061 for 4030 loose	a. Tighten 3 Set Screws 4061	2a, II-2	12
	b. Screw 4036 loose	b. Tighten 4036 by removing 4030	2a, II-2	12
2. Shutter Curtain inoperable	a. Shutter Curtain	a. Replace Shutter Curtain	2f, II-3	13
	b. Film chip	b. Remove film chip		
	c. Dirty or rusted Shutter Clamp Device	c. Clean and lubricate	2b, II-2	18
3. Shutter Curtain transports but does not open	a. 4310 and 4311 slipped off	a. Return to their positions	2c, II-2	12
	b. Shape of Spring 4311 incorrect	b. Adjust shape of 4311	2c, II-2	12
	c. Screw 4341 for 4313 loose	c. Tight two 4341 Screws	2c, II-2	13
4. Shutter operation slow or noisy	a. Relative bearing dirty and/or rusted	a. Lubricate after overhaul	2d, II-2	12,13,18,19
5. Shutter speed incorrect or not uniform	a. Improper shutter spring tension	a. Adjust tension	5a, II-6	13
	b. Improper tension of 4311	b. Adjust shape of 4311	2c, II-2	12
	c. Improper slit of Shutter Curtains	c. Re-cement Shutter Curtains	5a, II-6	13
	d. Relative position of 4011 and 4013 incorrect	d. Adjust position		17
6. Shutter Curtain trouble	a. Curtain worn, oiled or sunburned hole.	a. Replace	2f, II-3	13
7. Shutter Curtain bounce	a. 4040 and 4467 out of aligment	a. Check and adjust 4040, 4467	2g, II-3	12,13
	b. Starting point of Shutter Curtain incorrect	b. Re-cement the Curtains		
	c. 4240 out of shape	c. Check shape of 4240	2g, II-3	18
8. Shutter set at "B" slips into 1/25 sec.	a. 4311 out of shape, improper tension	a. Adjust 4311 (2-h, c)	2ch, II-2,3	12
9. 2nd Shutter Curtain does not close when set at "B"	a. 4313 improper spring tension	a. Check shape of 4313, screw in 4341 accurately		13
	b. 4310 improper height	b. Check 4310 height		12
10. Slow shutter speed out of order	a. Slow Timer out of order, dirty or rusted	a. Clean Slow Timer 4400 or replace	2i, II-3	12

II. SHUTTER SPEED MECHANISM (II)—CONT.

TROUBLE	PROBABLE CAUSE	REMEDY	SEE PAR. & PAGE	SEE SHT No.
11. "1/8" slips into 1/25 sec. or, "1/25" or "X" slips into 1/8 sec.	a. 4432 out of alignment	a. Align 4432	2i, II-3	4
12. "1" slips into "T" or "T" into "1"	a. 4320 out of shape	a. Adjust shape and dimension of 4320	2i, II-3	12
13. "1/8" unstable	a. Dirty or rusted Slow Timer	a. Clean Slow Timer 4400	2i, II-3	12
	b. 4463, 4465 out of shape	b. Adjust shape of 4463,4465	2i, II-3	12
14. All slow shutter speeds slip into 1/25 sec.	a. Slow Timer Mechanism does not return	a. Clean Slow Timer 4400 and check internal spring	2i, II-3	12
	b. 4040, 4064 loose	b. Tighten 4064 and lacquer	2i, II-3	13
	c. 4467 out of shape, 4481, 4482 loose	c. Check shape and tighten 4481 and 4482	2i, II-3	12
15. Slow Speed Dial stiff or loose	a. Tightening position of 4428 incorrect	a. Adjust 4428 and cement	2i, II-3	4
16. Slow Speed Dial stiff partially	a. 4424, 4426 out of plane	a. Correct the plane of 4424, 4426		4
17. Slow Speed Dial Click Stop out of order	a. Pin on 4422 out of shape	a. Check pin of 4422 and correct the shape		4
18. Shutter Release Button stiff	a. Screws 3413, 3416 dirty or rusted (II-A, II-D)	a. Clean or replace		16
	b. Shaft 4230 dirty or rusted (III, IV-S2)	b. Clean 4230		18
	c. Insufficient backlash of Takeup Shaft	c. Check 3064 and give sufficient backlash		14

III. RANGE-VIEWFINDER SYSTEM

TROUBLE	PROBABLE CAUSE	REMEDY	SEE PAR. & PAGE	SEE SHT No.
1. Images do not coincide (vertically)	a. 2170 out of alignment b. Prism 2154 out of position (due to shock)	a. Adjust by turning 2170 b. Adjust Prism 2154	3a, II-4 3f, II-5	7 10,11
2. Images do not coincide (horizontally at Infinity)	a. Relative position of 2150 out of order b. Prism 2154 out of position (due to shock)	a. Turn and adjust 2156 b. Adjust Prism 2154	3b, II-4 3f, II-5	10,11 10,11
3. Reflected image does not move	a. Roller 2200 out of position (too high)	a. Check and adjust roller 2200	3c, II-5	9
	b. Lever 2210 stiff	b. Clean and lubricate 2210	3c, II-5	11
4. Optical system contaminated by foreign matter		a. Clean	3d, II-5	7,10,11
5. Magnifier mask warped		a. Adjust		11
6. Half Mirror Prism coating inferior		a. Replace Prism 2120	3e, II-5	10
7. Optical system broken		a. Replace	3ef, II-5	10,11
8. Optical Axis of finder out of alignment		a. Check and adjust	3g, II-5	10
9. Magnifying lever out of order	a. Bearings dirty or rusted	a. Clean and lubricate properly	3h, II-5	9
	b. Gearing out of alignment	b. Check and adjust	3h, II-5	9

IV. FLASH SYNCHRONIZER

TROUBLE	PROBABLE CAUSE	REMEDY	SEE PAR. & PAGE	SEE SHT No.
1. Flash bulbs do not fire	a. Connections	a. Check all connections and repair	5b, II-7	5,6,7
	b. Contact resistance high	b. Check all contact resistances and repair	5b, II-7	5,6,7
	c. Insulation inferior	c. Check all insulation and repair	5b, II-7	5,6,7
2. Off synchronization	a. Synchronizer adjustment out of order	a. Check and adjust Synchronizer	5b, II-7	6
3. Flash Unit does not mount	a. 1010 inferior	a. Replace 1010	5b, II-7	5

V. MISCELLANEOUS TROUBLE

TROUBLE	PROBABLE CAUSE	REMEDY	SEE PAR. & PAGE	SEE SHT No.
1. Out of focus	a. Rangefinder out of alignment	a. Check Rangefinder	3-ab,	7,10,11
	b. Flange Focus out of distance	b. Check and adjust to 28.80mm	4b, II-6	4
	c. Loose Lens Barrel	c. Check and adjust L0004-Lens #1		
	d. L0003 wrong dimension	d. Check and replace L0003-Lens #1		

Section II

SERVICE PROCEDURE

CONTENTS

1. FILM WINDING and REWINDING II-1

2. SHUTTER MECHANISM II-2

3. RANGE-VIEWFINDER II-4

4. ALIGNMENT PROCEDURE II-6

5. FINAL TEST and ADJUSTMENT

   a. Shutter Test II-6

   b. Synchronizer Test II-7

   c. Range-Viewfinder Test II-8

1. FILM WINDING and REWINDING

a. Check the small pins on (3413) and (3416) when Shutter does not cock or film advance, even though the Winding Knob can be turned in the correct direction. When these pins are broken or lost, replace with new ones. Check the contact relation of Flange (3212) and Cam (3313). Adjust Washer (3221) so that the Flange and the Cam begin to contact each other when the Reversing Lever (3311) is turned 15° to 20°, and the Sprocket (3413) and Shutter Gear (3416), the Idler Gear (3110) and Sprocket Gear (3411) completely disengage themselves when the Reversing Lever (3311) is turned to its designated position. (Sheet No. 14 and 16)

b. Check following points when Film Winding Knob is abnormally heavy to turn: (Sheet No. 14 and 16)

(1) See whether or not there is a film chip.

(2) Clean and lubricate with silicon grease Clutch Spring (3064) and Take-up Shaft (3041).

(3) When relative bearings are dirty, clean and lubricate them with a little oil of the proper quality.

c. Standard amount of backlash for Take-up Spindle is 1/2 calibration of Film Exposure Dial for those models (IV, IV-S2, III and III-A) having Shutter Clamp Device, and 1/3 calibration for other models (II-S, II-A, II-D, II-B and S-II). When the amount of backlash is very little as compared with the standard amount, replace Clutch Spring (3064), and when the backlash is more than the standard amount, adjust the Coil by expanding the diameter by using specially made tapered tool. (Sheet No. 14)

d. If the Film Winding Knob is turned forcibly in a reverse direction, Clutch Spring (3064) will lose its function and the Knob will turn in a reverse direction. In this case, replace Spring (3064) and adjust in the manner described in paragraph 1c. (Sheet No. 14)

e. When the Film Exposure Counting Dial which sits under the Film Winding Knob becomes excessively loose and easily turnable, remove the Knob and tighten Spring (3063). (Sheet No. 14)

f. There will be an effect on the Film Winding Knob when the Take-up Spool is too easily drawn in or out, or when it is too hard. In such cases adjust the three springs on Spool Holder (3042). To obtain proper friction for Spool Holder (3042) adjust Spring (3043). When film perforations tear it is caused by insufficient winding of Take-up Spool as the three springs of the Spool Holder (3042) and or Spring (3043) are weak. Adjust one of the two or both springs.

Note: Nut (3044) is threaded reverse.

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	1313	1313	-	1313		Contact	6
	1314	1314	-	1314		Terminal	6
	1320	1320	-	1320		Screw 1312, 1313, 1314/1310×3	6
	1321	1321	-	1321		Screw 1310/0632×2	6
Circuit Selector	1400	-	-	1400		Assembly	
	-	1401	1401	-		Assembly	
	1410	-	-	1410		Insulator Base	7
	-	1412	1412	-		Bracket	
	1411	-	-	1411		Contact	7
	1420	-	-	1420		Screw 1411/1410×2	7
	1421	1421	1421	1421		Screw 1410, 1412/0612×2	7
Lead Wire	1500	1500	-	1500		Lead Wire	
Range-View Finder	2000A	2000A	2000A	2000A		Range View Finder (Assembly)	
	2000B	2000B	2000B	2000B	★	Range View Finder (Improvement of 2000A)	
	2100A	2100A	2100A	2100A		Range View Finder Optical System (Assembly)	9,10
	2100B	2100B	2100B	2100B	★	Range View Finder Optical System (Assembly) (Improvement of 2100A)	9A,10A
	2200A	2200A	2200A	2200A		Focusing Roller (Assembly)	9,11
	2200B	2200B	2200B	2200B	★	Focusing Roller (Assembly) (Improvement of 2200A)	9A,11A
	2310	2310	2310	2310		Washer	9, 9A
	2311	2311	2311	2311		Washer	9, 9A
	2320	2320	2320	2320		Screw 2100A, B/2310, 2200A, B	9, 9A
	2321	2321	2321	2321		Screw 2100A, B/2311, 0310A	9, 9A
	2322	2322	2322	2322		Screw 2100A, B/2311, 0310A	9, 9A

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
Range View Finder Optical System	2100A	2100A	2100A	2100A		Range View Finder Optical System (Assembly)	9,10
	2100B	2100B	2100B	2100B	★	Range View Finder Optical System (Assembly) (Improvement of 2100A)	9A,10A
	2110A	2110A	2110A	2110A		Base Plate	10
	2110B	2110B	2110B	2110B	★	Base Plate (Improvement of 2110A)	10A
	2111	2111	2111	2111		Bracket	10,10A
	2112A	2112A	2112A	2112A		Prism Shaft	10
	2112B	2112B	2112B	2112B	★	Prism Shaft (Improvement of 2112A)	10A
	2113	2113	2113	2113		Guide Screw	10
	2113B	2113B	2113B	2113B	★	Guide Screw (Improvement of 2113)	10A
	2114	2114	2114	2114		Click Stop Spring	10,10A
	2115	2115	2115	2115		Spring for Prism	10
	2116	2116	2116	2116		Spring	10
	2116B	2116B	2116B	2116B	★	Spring (Improvement of 2116)	10A
	2117	2117	2117	2117	★	Prism Lookplate Rod (Additional)	10A
	2118	2118	2118	2118	★	Prism Wall Board (Additional)	10A
	2120	2120	2120	2120		Half Mirror Prism	10,10A
	2121	2121	2121	2121		Plism Cover	10
	2122	2122	2122	2122	★	Mask (Additional)	10A
	2123	2123	2123	2123	★	Prism Lookplate (Additional)	10A
	2124	2124	2124	2124	★	Spring (Additional)	10A
	2125	2125	2125	2125	★	Screw, Idle (Additional)	10A
	※2130	2130	2130	2130		Magnifying Lens Box (Assembly)	10,10A,11,11A
	⊙2150A	2150A	2150A	2150A		Moving Prism Arm (Assembly)	
	⊙2150B	2150B	2150B	2150B	★	Moving Prism Arm (Assembly) (Improvement of 2150A)	
	2170	2170	2170	2170		Erector Prism	7
	2171	2171	2171	2171		Adapter Ring	7
	2180	2180	2180	2180		Washer	10,10A
	2181	2181	2181	2181		Washer	10
	2182	2182	2182	2182		Washer	10
	2182B	2182B	2182B	2182B	★	Washer (Improvement of 2182)	10A
	2183	2183	2183	2183		Washer	10,10A
	2184	2184	2184	2184		Washer	10
	2185	2185	2185	2185		Washer	10
	2190	2190	2190	2190		Screw 2111/2110A, 2110B×2	10,10A
	2191	2191	2191	2191		Screw 2150A/2112A	10
	2191B	2191B	2191B	2191B	★	Screw 2150B/2112B (Improvement of 2191)	10A
	2192	2192	2192	2192		Screw 2114/2110A, 2110B×4(×2)	10,(10A)
	2193	2193	2193	2193		Screw 2121/2110A	10
	2194	2194	2194	2194	★	Screw 2123/2117, 2118×2 (Additional)	10A
	2195	2195	2195	2195	★	Screw 2122/2118 (Additional)	10A
	2196	2196	2196	2196	★	Screw 2110B/2117, 2118 (Additional)	10A
	2197	2197	2197	2197	★	Screw 2110B/2112B (Additional)	10A

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	※2130	2130	2130	2130		Magnifying Lens Box (Assembly)	10,10A,11,11A
	2131	2131	2131	2131		Lens Box	11,11A
	2132	2132	2132	2132		Base Disk	11,11A
	2133	2133	2133	2133		Gear	11,11A
	2134	2134	2134	2134		Magnifying Lens A	11,11A
	2135	2135	2135	2135		Bezel	11,11A
	2136	2136	2136	2136		Mask	11,11A
	2137	2137	2137	2137		Magnifying Lens B	11,11A
	2140	2140	2140	2140		Set Screw 2133/2132	11,11A
	2141	2141	2141	2141		Screw 2133/2131 × 2	11,11A
	2142	2142	2142	2142		Screw 2133/2132	
	⊙2150A	2150A	2150A	2150A		Moving Prism Arm (Assembly)	10,11
	⊙2150B	2150B	2150B	2150B	★	Moving Prism Arm (Assembly) (Improvement of 2150A)	10A,11A
	2151A	2151A	2151A	2151A		Arm	11
	2151B	2151B	2151B	2151B	★	Arm (Improvement of 2151A)	11A
	2154	2154	2154	2154		Moving Prism	11
	2154B	2154B	2154B	2154B	★	Moving Prism (Inprovement of 2154)	11A
	2156	2156	2156	2156		Adjusting Screw	11
	2156B	2156B	2156B	2156B	★	Adjusting Screw (Improvement of 2156)	11A
	2157	2157	2157	2157		Prism Holder	11
	2157B	2157B	2157B	2157B	★	Prism Holder (Improvement of 2157)	11A
	2158	2158	2158	2158		Set Screw 2157, 2157B/2160	11,11A
	2160A	2160A	2160A	2160A		Washer	11
	2160B	2160B	2160B	2160B	★	Washer	11A
	2165	2165	2165	2165		Lock Screw	11,11A
	2167	2167	2167	2167		Screw 2151A, 2151B/2157, 2157B	11,11A
	2168	2168	2168	2168		Screw 2151A, 2151B/2157, 2157B	11,11A
Focusing Roller	2200A	2200A	2200A	2200A		Focusing Roller (Assembly)	9,11
	2200B	2200B	2200B	2200B	★	Focusing Roller (Assembly) (Improvement of 2200A)	9A,11A
	2210A	2210A	2210A	2210A		Range Finder Cam	11
	2210B	2210B	2210B	2210B	★	Range Finder Cam (Improvement of 2210A)	11A

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	2211	2211	2211	2211		Foousing Roller	11,11A
	2212A	2212A	2212A	2212A		Bearing	11,11A
	2220	2220	2220	2220		Washer	11,11A
	2221	2221	2221	2221		Washer	11,11A
	2230	2230	2230	2230		Screw 2211/2210A, 2210B	11,11A
Take-up Shaft	3002	3002	3002	3002	★	Set	
	※3010	3010	3010	3010		Winding Knob (Assembly)	14,15
	⊙3040	3040	3040	3040		Spindle (Assembly)	14
	3060	3060	3060	3060		Bearing	14
	3067	3067	3067	3067	★	Collar	14
	3068	3068	3068	3068	★	Indicator Disk	14
	3063	3063	3063	3063		Spring	14
	3064	3064	3064	3064		Clutch Spring	14
	3065	3065	3065	3065		Retainer Ring	14
	3066	3066	3066	3066		Lock Plate	14
	3070	3070	3070	3070		Washer	14
	3080	3080	3080	3080		Screw 3060/0310A	14
	3081	3081	3081	3081		Screw 3066/3010A	14
	※3010	3010	3010	3010		Winding Knob (Assembly)	14,15
	3011	3011	3011	3011		Winding Knob	15
	3012	3012	3012	3012		Film Speed Dial	15
	3013	3013	3013	3013		Stud	15
	3014	3014	3014	3014		Click Stop Spring	15
	3015	3015	3015	3015		Steel Ball	15
	3016	3016	3016	3016		Spring	15
	3017	3017	3017	3017		Screw	15
	3020	3020	3020	3020		Washer	15
	3021	3021	3021	3021		Washer	15
	3025	3025	3025	3025		Set Screw 3011/3041	15
	3026	3026	3026	3026		Screw 3013/3011 × 3	15
	3027	3027	3027	3027		Screw 3014/3013 × 2	15
	⊙3040	3040	3040	3040		Spindle (Assembly)	14

NOMENCLATURE	II-S	II-F	II-D	IV-S2	DESCRIPTION	DIAGRAM SHEET No.
	3041	3041	3041	3041	Take-up Shaft	14
	3042	3042	3042	3042	Spool Holder	14
	3043	3043	3043	3043	Spring	14
	3044	3044	3044	3044	Nut	14
	3050	3050	3050	3050	Washer	14
Idler Gear	3100	3100	3100	3100	Set	
	3110	3110	3110	3110	Idler Gear	14
	3111	3111	3111	3111	Gear Shaft	14
	3120	3120	3120	3120	Washer	14
	3200	3200	3200	3200	Set	14
	3210	3210	3210	3210	Clutch Gear	14
	3211	3211	3211	3211	Spring	14
	3212	3212	3212	3212	Flange	14
	3213	3213	3213	3213	Coupling Sleeve	14
	3220	3220	3220	3220	Washer	14
	3221	3221	3221	3221	Washer	14
	3230	3230	3230	3230	Screw	14
Reversing Lever	3300	3300	3300	3300	Set	
	3310	3310	3310	3310	Cam Shaft	16
	3311	3311	3311	3311	Reversing Lever	7,16
	3312	3312	3312	3312	Spring	16
	3313	3313	3313	3313	Cam	16
	3320	3320	3320	3320	Washer	16
	3330	3330	3330	3330	Screw 3311/3310	7,16
	3331	3331	3331	3331	Screw 3310, 3313/0310A	16
Sprooket Shaft	3400	3400	3400	3400	Set	

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	3410	3410	3410	3410		Bearing	16
	3411	3411	3411	3411		Sprocket Gear	16
	3412	3412	3412	3412		Nut	16
	3413	3413	3413	3413		Sprocket	16
	3414	3414	3414	3414		Sprocket Shaft	16
	3415	3415	3415	3415		Screw Key	16
	3516	3416	3416	3416		Shutter Gear	16
	3417	3417	3417	3417		Nut	16
	3418	3418	3418	3418		Release Knob	16
	3419	3419	3419	3419		Collar	16
	3430	3430	3430	3430		Washer	16
	3431	3431	3431	3431		Washer	16
	3440	3440	3440	3440		Set Screw 3412/3410	16
	3441	3441	3441	3441		Set Screw 3417/3414	16
	3442	3442	3442	3442		Screw 3410/0310A×3	16
	3443	3443	3443	3443		Screw 3413/3411	16
Rewinding Shaft & Magnifying Lever	3500	3500	3500	3500		Set	
	3510	3510	3510	3510		Magazine Stopper	9, 9A
	3511	3511	3511	3511		Bearing	9, 9A
	3512	3512	3512	3512		Spring	9, 9A
	3513	3513	3513	3513		Clutch Fork	9, 9A
	3514	3514	3514	3514		Sector	9, 9A
	3515	3515	3515	3515		Magnifying Lever	7, 9, 9A
	3516	3516	3516	3516		Nut	7, 9, 9A
	3517	3517	3517	3517		Shaft Collar	7, 9, 9A
	3518	3518	3518	3518		Screw Key	7, 9, 9A
	3519	3519	3519	3519		Rewinding Shaft	7, 9, 9A
	3520	3520	3520	3520		Rewinding Knob	7, 9, 9A
	3530	3530	3530	3330		Washer	9, 9A
	3531	3531	3531	3531		Washer	9, 9A
	3532	3532	3532	3532		Washer	9, 9A
	3540	3540	3540	3540		Screw 3510, 3511/0310A×3	9, 9A
Shutter Drum Shaft	-	-	-	4002	★	Set	
	4003	-	-	-	★	Set	
	-	4004	4004	-	★	Set	
	4010	4010	4010	4010		Bearing	17
	4011	4011	4011	4011		Sleeve Bearing	17
	4012	4012	4012	4012		Nut	17

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	4013	4013	4013	4013		Eccentric	17
	4021	4021	4021	4021	★	Shutter Drum	17
	-	-	-	4070	★	High Speed Dial	7,12,17
	4071	-	-	-	★	High Speed Dial	
	-	4072	4072	-	★	High Speed Dial	
	-	-	-	4073	★	Shutter Speed Change Disk	12,17
	4074	-	-	-	★	Shutter Speed Change Disk	
	-	4075	4075	-	★	Shutter Speed Change Disk	
	4076	4076	4076	4076	★	2nd Curtain Release Arm	12,17
	4077	4077	4077	4077	★	Spring	12,17
	4040	4040	-	4040		Turning Disk	13,17
	-	-	4041	-		Turning Disk	
	4050	4050	4050	4050		Washer	17
	4051	4051	4051	4051		Washer	17
	4053	4053	4053	4053		Washer	13,17
	4054	4054	4054	4054		Washer	13,17
	4060	4060	4060	4060		Set Screw 4013/4011	17
	4062	4062	4062	4062		Screw 4010/0310A × 3	17
	4063	4063	4063	4063		Screw 4073/4021	17
	4064	4064	4064	4064		Screw 4040/4021	17
	4065	4065	4065	4065	★	Set Screw 4070, 4071, 4072/4076 × 3	7,12,17
	4078	4078	4078	4078	★	Spring Retainer	12,17
	4079	4079	4079	4079	★	Index Plate	7,12,17
	4080	4080	4080	4080	★	Washer	12,17
	4081	4081	4081	4081	★	Washer	7,12,17
Shutter Spring Shaft	4102	4102	4102	4102	★	Set	
	※4110	4110	4110	4110		Shutter Spring Shaft of 1st Curtain (Assembly)	20
	⊙4124	4124	4124	4124	★	Shutter Spring Shaft of 2nd Curtain (Assembly)	20
	4130	4130	4130	4130		Upper Idler Roller	20
	4137	4137	4137	4137	★	Lower Idler Roller	20
	4132	4132	4132	4132		Spring Tension Adjust Ratchet Nut × 2	13
	4133	4133	4133	4133		Claw	13
	4134	4134	4134	4134		Claw	13
	4135	4135	4135	4135		Claw Shaft	13
	4140	4140	4140	4140		Washer	13
	4150	4150	4150	4150	★	Gear	19
	4151	4151	4151	4151	★	Shaft	19

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	※4110	4110	4110	4110		Shutter Spring Shaft of 1st Curtain (Assembly)	20
	4111	4111	4111	4111		Spring Shaft	20
	4112	4I12	4112	4112		Curtain Roller	20
	4I13	4113	4113	4113		Assemble Nut	20
	⊙4124	4124	4124	4124	★	Shutter Spring Shaft of 2nd Curtain (Assembly)	20
	4121	4121	4121	4121		Spring Shaft	20
	4125	4125	4125	4125	★	Curtain Roller	20
	4123	4123	4123	4123		Assemble Nut	20
Shutter Clamp Device	4200	4200	4200	4200		Set	
	4210	4210	4210	4210		Idler Gear	19
	4211	4211	4211	4211		Gear Shaft	19
	4212	4212	4212	4212		Nut	19
	4213	4213	4213	4213		Stopper	19
	4220	4220	4220	4220		Shutter Clamp Lever	19
	4221	4221	4221	4221		Spring	19
	4222	4222	4222	4222		Lever Shaft	19
	4230	4230	4230	4230		Shutter Release Shaft	19
	4231	4231	4231	4231		Spring	19
	4232	4232	4232	4232		Bracket	19
	4240	4240	4240	4240		Brake Lever	19
	4241	4241	4241	4241		Spring	19
	4242	4242	4242	4242		Lever Shaft	19
	4250	4250	4250	4250		Washer	19
	4251	4251	4251	4251		Washer	19
	4260	4260	4260	4260		Screw 4232/0632	19
2nd Curtain Clamp	-	-	-	4303	★	Set	
Lever & Rewinding	4304	-	-	-	★	Set	
Safety Device	-	4302	4302	-		Set	

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	-	-	-	4310		2nd Curtain Clamp lever for 1/1000	12
	4314	4314	4314	-		2nd Curtain Clamp Lever for 1/500	
	4311	4311	4311	4311		Spring	12
	4312	4312	4312	4312		Stopper	12
	4313	4313	4313	4313		Plate Spring	6,13
	4320	4320	4320	4320		Safety Device Lever	12
	4321	4321	4321	4321		Spring	12
	4322	4322	4322	4322		Lever Shaft	12
	4330	4330	4330	4330		Washer	12
	4331	4331	4331	4331		Washer	12
	4340	4340	4340	4340		Screw 4311/0351	12
	4343	-	-	4343	★	Screw 1250, 1251, 1252, 4313/0632	6,13
	-	4342	4342	-		Screw 4313/0632	
Slow Shutter	4401	4401	4401	4401	★	Slow Timer (Assembly)	12
	4413	-	-	4413	★	Slow Speed Dial (Assembly)	4
	-	4414	4414	-	★	Slow Speed Dial (Assembly)	
	4495	-	-	4495	★	Slow Speed Dial	4
	-	4496	4496	-	★	Slow Speed Dial	
	4422	4422	4422	4422		Click Stop Spring	4
	4424	4424	4424	4424		Base Plate	4
	4426	4426	4426	4426		Washer	4
	4427	4427	4427	4427		Knob	4
	4428	4428	4428	4428		Nut	4
	4429	4429	4429	4429		Pin	4
	※4490	-	-	4490	★	Slow Shutter Cam (Assembly)	4
	-	4491	4491	-	★	Slow Shutter Cam (Assembly)	
	4440	4440	4440	4440		Washer	4
	4450	4450	4450	4450		Set Screw 4427/4495, 4496	4
	4451	4451	4451	4451		Screw 4424, 4426/0010, 0012	4
	※4490	-	-	4490	★	Slow Shutter Cam (Assembly)	4
	-	4491	4491	-	★	Slow Shutter Cam (Assembly)	
	4492	-	-	4492	★	Cam	4
	-	4493	4493	-	★	Cam	
	4434	4434	4434	4434		Sleeve	4

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	4435	4435	4435	4435		Nut	4
	4436	4436	4436	4436		Screw	4
	4497	4497	4497	4497	★	Set	
	4498	4498	4498	4498	★	Slow Timing Shaft	12
	4462	4462	4462	4462		Nut	12
	4463	4463	4463	4463		Lever	12
	4464	4464	4464	4464		Bearing	12
	4465	4465	4465	4465		Spring	12
	4466	4466	4466	4466		Nut	12
	4467	4467	4467	4467		Plate Spring	12
	4468	4468	4468	4468		Stopper	12
	4470	4470	4470	4470		Washer × 2	12
	4480	4480	4480	4480		Screw 4464/0310A	12
	4481	4481	4481	4481		Screw 4467/0632	12
	4482	4482	4482	4482		Screw 4401, 4467/0632	12
	4483	4483	4483	4483		Screw 4401/0632	12
Shutter Curtain	4500	4500	4500	4500		Shutter Curtain (Set)	
	4510	4510	4510	4510		1st Shutter Curtain	20
	4511	4511	4511	4511		2nd Shutter Curtain	20

g. When the position of the film perforations lie incorrectly in relation to the gap between two film frames, adjust by regearing Shutter Gear (3416) and Idler Gear (4210). This condition should be checked without fail when placing Picture Frame (0610) and (0630) on Top Cover (0310). (Sheet No. 16 and 18).

2. SHUTTER MECHANISM

a. Tighten the three Set Screws (4061) on High Speed Dial (4030) when the Dial (4030) becomes loose or when the speed indicated differs from the actual speed. If this does not correct the trouble remove (4030) and check Screw (4036) (this trouble is very seldom found). (Sheet No. 12)

b. When shutter does not release on pressing the Shutter Release Button even when the shutter is wound, check the condition of Shutter Curtain for film chips before disassembling any part. If the trouble is still unknown, remove Range-Viewfinder Cover (0400), and if this still does not remedy the trouble, disassemble Body Case (0010).
Replace Shutter Curtain when it has deteriorated (refer to par. 2f). For film chips check closely in and around Idler Gear (4210). When Shutter Clamp Device is excessively dirty or rusted, clean and lubricate. (Sheet No. 12 and 18)

c. When Shutter Curtains travel across the Picture Frame without slit opening or when they stop before reaching the end even when they are opened, remove Cover (0400) first. It is usually found that Spring (4311) has slipped off a peg of Clamp Lever (4310). Adjust its shape and tension, and return it to original position. (Sheet No. 12)

Note: 1. When drawing Take-up Spool out care must be taken not to contact Plate Spring (4313) as there is no Bottom Plate Cover (0652) on old models.

2. Two Screws (4341) which hold Plate Spring (4313) must be securely screwed in.

d. When shutter movement is dull or an unpleasant noise is heard, search for film chips and check condition of Shutter Curtains. If this does not correct the trouble, overhaul and lubricate the entire shutter mechanism by completely disassembling its parts. When doing so, closely check the Center Bearing of Shutter Drum (4020). (Sheet No. 12, 13, 7, 18 and 19)

e. When shutter speeds are out of order, adjust them in the manner described in paragraph 5a, page II-6. (Sheet No. 13 and 19)

Canon

f. Replace with new Shutter Curtain when it has deteriorated by natural wear or by lubricants or when burnt by sun. Replace Shutter Curtain in the following manner:

(1) Remove Cover (0400) and Body Case (0010).

(2) Remove three Light Shields (0711, 0732 and 0741)

(3) Remove Slow Timer (4400) and Slow Timer Shaft (4461)

(4) And lastly, remove the Shutter Curtains

Clean and lubricate before cementing new Curtains. Standard amount of suspension for Shutter Curtains is 3mm (0.118"). Read next paragraph (2g) for relative position between Shutter Curtains and Picture Frame. (Sheet No. I2, 13 and 19)

g. In case shutter bounce is observed on 2nd Curtain, closely check and adjust the shape of Brake Lever (4240) which is incorporated on cameras having Shutter Clamp Device. Check the relation between Turning Disc (4040) and Plate Spring(4467), and adjust the position of (4467) so that peg of the Disc (4040) sits over the peg of the Spring (4467). Shutter bounce will occur also when the starting position is not correct in relation to Picture Frame (0610). Standard starting point is 3.5mm (0.138") from edge of Picture Frame for those cameras which have Shutter Clamp Devices, and 3.1mm (0.122") for other Canons. (Sheet No. 12, I3 and I8)

h. Remove Cover (0400) and check shape and tension of Spring (4311) when Shutter releases at 1/25 sec. even when the High Speed Dial is set at "B". See paragraph 2c, page II-2. (Sheet No. 12)

i. Repairs to Slow Shutter Speed

(1) When odd noise is heard from Slow Timer (4400) or when it stops before completing the entire movement, remove Slow Timer (4400), check various parts and search for film chips. If it is dirty, disassemble and clean it in proper solvent. As it is a very delicate device, great care should be taken not to strain its parts. Reassemble after all parts are completely dried and then lubricate them. Excessive lubrication should be avoided. Replace with new Slow Timer when it has noticeably rusted due to water or moisture. (Sheet No. 12)

(2) Adjust the position of Cam (4432) when Slow Shutter Speed operates at 1/25 sec. even when set at 1/8 sec., or when it is longer than 1/8 sec. or when Slow Shutter gets into action at "X" setting. Slowly remove Screw (4436) and turn Nut (4435). When this is turned counterclockwise, open duration will increase and when turned clockwise, it will decrease. (Sheet No. 4)

(3) Although 1/8 sec. operates properly, if 1 sec. operates as "T" or vice versa, check Lever (4320) which contacts Slow Timing Shaft (4461). (Sheet No. 12)

(4) When 1/8 sec. is not stable, check in the manner explained in previous paragraph 2i (2) and further check the shapes of Lever (4463) and Spring (4465). If this still does not correct the trouble, check Slow Timer. Remember, Slow Timing Shaft (4461) must return to its original position after shutter movement has been completed. (Sheet No. 12)

(5) Check Shutter Mechanism by removing Cover (0400) when Slow Speed Shutter does not operate at all. If Shaft (4461) does not rise sufficiently, check the tightness of Turning Disk (4040). When Shaft (4461) does not return to its original position after the completion of shutter movement, check Slow Timer (4400), Lever (4463) and Spring (4465). Care should be taken not to let Shaft (4461) rise more than necessary since it will affect shutter speed 1/100 sec. Spring (4467) should not contact Turning Disk (4040) at 1/3 turn of Film Winding Knob. (Sheet No. 12)

(6) When Slow Speed Dial does not turn properly, apply a drop of alcohol around Nut (4428) and adjust the tightness of Nut (4428) after alcohol has saturated through. After it has been adjusted, apply a little cement between Slow Speed Dial (4420) and Nut (4428). (Sheet No. 4)

3. RANGE VIEWFINDER

a. If the vertical images do not coincide when viewed through the rangefinder, adjust it by turning Erector Prism (2170) slightly. If the Elector Prism (2170) is loose, widen the slit. If it can not be adjusted by simply turning Elector Prism (2170) due to defects caused by shock or improper servicing, replace Moving Prism (2154) by the method described in 3f, page II-5. (Sheet No. 7 and 11)

b. Mount the lens on the camera. The images of an object more than 300 yards away must coincide and images of the haircross of the collimetor must coincide when viewed through the rangefinder. If they do not, unscrew the Screw (0431) and adjust it by turning Adjusting Screw (2156).

Note: It is unnecessary to remove Cover (0400) except when changing Moving Prism.

c. If the images do not coincide smoothly or do not coincide at all, inspect the movement of Focusing Roller (2211), Range Finder Cam (2210), and Moving Prism Arm (2150). If the height of Focusing Roller (2211) is not properly set, unscrew three Screws (2320) and adjust the thickness of Washer (2310). If Cam (2210) and Arm (2150) do not operate properly clean the bearings. (Sheet No. 9, 10 and 11)

d. To remove dust or fungus on the surface of optical system inside the Finder, first remove the dust of the surface of the optical system (Assembly 2100) by brush and then wipe the surface with clean cloth dipped in alcohol. To remove dust inside the Magnifying Lens Box (2130), lift Bezel (2135) with tweezers and take out Lens B (2137). After cleaning the Lens (2134, 2137) and Mask (2136), insert it curve-side out and fix it.

e. If some erratic condition is observed on Half-Mirror Prism (2120), remove Prism Cover (2121) and then Moving Prism Arm (2150) carefully. After careful cleaning, mount the camera off firmly on the collimetor by tightening Lens Mounting Flange leaving the Base Plate (0510) of the camera. Fix the Prism (2120) on the Base Plate (2110) inside the Cover (2121) and three Screws (2139) with lacquer. Adjust the Prism(2120) so that the two images which come through collimator coincide. Insert thin Washer (0.02mm) underneath the Prism if necessary. And then tighten three Screws (2139) and cement them. (Sheet No. 10)

Note: Half-mirror Prism (2120) should be replaced after Washer (2185).

f. When changing Moving Prism (2154), Prism (2154) may be removed with Lock Plate (2155) at the same time. Remove Prism (2154) and Washer (2160) from Lock Plate (2155) and clean each item. Inspect the movement of Lever (2151). Leave the lens at infinity and adjust the Adjusting Screw (2156) so that they are paralleled with Base Plate (2110). Fix the Prism (2154) so that the distance between Prism and Lock Plate is 0.3 to 0.4mm (0.012 to 0.016 inch). Thus reflected image must coincide horizontally with direct image. (Sheet No. 11)

Note: Moving Prism (2154) must be replaced after Washer (2160) has been replaced.

g. If the optical axis of the Finder does not coincide with that of the lens, place it on the Optical Axis Tester in the same manner indicated in 3e above.

h. If the movement of Magnifying Lever (3515) is unsatisfactory, check joints of Base Plate (2110), Disk (2132), Spring (2114), Gear (2133) and Selector (3514). Clean each item if necessary. If the gearing works unsatisfactorily remove (2100) and check the shaft of Selector (3514).

After all checks have been done, put (2100) in the correct place. Tighten the 3 Screws (2321, 2322) and lock them in the manner described in 3e. (Sheet No. 9, 10 and 11)

4. ALIGNMENT PROCEDURE

a. The gap between Picture Frame (0610) and Top Cover (0310) must be 2.0mm (0.079 inch). When installing Picture Frame and Shutter Mechanism in the Top Cover with four screws, insert 2.0mm Gauge between Top Cover and Picture Frame. (Sheet No. 13)

b. Correct distance from Lens Mounting Flange to the Picture Frame is 28.8mm (1.134 inch). The tolerance is 0.03mm. To measure this distance prepare a measuring instrument of a dial indicator type and thin glass plate. This indicator is made especially for this purpose and must be handled carefully. Open the Shutter Curtains by setting the Shutter to "T." For those cameras which do not have "T" open it by setting the Shutter to "B" and then, while pressing the Shutter Release Button, turn the Rewinding Lever (3311) to "R". Remove the dust and insert thin glass plate where film is usually inserted. Also place measuring instrument 28.8mm Gauge on the Mounting Flange, and measure it. If there is any variation beyond the tolerance, unscrew 4 Screws (0120) and insert Washer (0111) of proper thickness.

Note: Remove thin glass from the camera body without fail after inspection.

5. FINAL TESTING AND ADJUSTMENT

a. Shutter Test

After all assembling is done, shutter test should be undertaken by a Time Interval Meter.
Insert the ground glass in the manner indicated in 4b above. Shutter should be tested at the highest two stops. If these two shutter tests prove to be satisfactory, it indicates that the rest of the high shutter speeds are assembled correctly. If the inspector finds any defect which can not be adjusted at this stage, adjust the Shutter in the following manner:

(1) Adjustment to Shutter speed is be done by adjusting the tension of the Shutter Springs of the First and Second Shutter Curtains (4110, 4120). In order to tighten the Spring, turn the Shaft (4111, 4121) counter-clockwise. (Sheet No. 19)

(2) Second Shutter Curtain should overlap the First Curtain by 3.0mm (0.118 inch).

(3) Slow Speed Dial is checked in the following manner:

(a) When set at "T" the Second Curtain should not close until the Dial is turned from "T" to "1".

(b) When set at "1" the Second Shutter should not start its motion across for 1 second.

b. Synchronizer Test

When making Synchronizer Test, the following points should be checked:

(1) Insulation Test (Sheet No. 5 and 6) is performed in the following manner:

(a) Wind the Shutter a little. Close two Contacts (1111, 1112). Turn Rewinding Lever (3311) to "R".

(b) Turn the Slow Shutter Dial to "X". Then test insulation of Bracket (1010) and Contact (1012). A 500 volt megohm resistance tester is required for the testing. If there are any defects renew parts.

(2) Contact Resistance Test (Sheet No. 5 and 6)

(a) High Speed Shutter Circuit Test

Wind the Shutter slightly (5-6 Markings in the Indicating Disc (3062)). Close two Contacts (1111, 1112). Turn the Rewinding Lever to "R". Set the Slow Speed Dial at 1/25. Then measure the resistance between Bracket (1010) and Contact (1012).

(b) Slow Speed Shutter and X Contact Circuits Test

Release the Shutter. Set Slow Speed Dial at "X". Turn the Rewinding Lever (3311) to "R." Measure the resistance between Bracket (1010) and Contact (1012).

In above testing, resistance should be below 0.2 ohms. If there is any defect, clean the parts or renew them if necessary.

(3) Synchronization Test (Sheet No. 5 and 6)

Synchronization Test is performed by Heiland Synchro-Tester. Mount Canon Self-Extension Adapter on the Bracket (1010) of the camera and connect it to the tester. Insert the Plastic Card for Synchro Testing into the camera where the film is usually placed. Set the shutter at 1/1000 sec. and the time-lag of the Tester at 14 m.s.
When Shutter is released the edge of the First Curtain should be on the marking of the Plastic Plate.

(4) Inspect Bracket (1010) of Flash Unit, and replace any parts which do not operate satisfactorily. Check the position of the Contact (1012). (Sheet No. 5)

c. Range-Viewfinder Test

The following tests must be performed when the distance of Lens Mounting Flange (0110) and Picture Frame (0610) require checking and adjusment:

(1) Insert the Gauge into the Lens Mounting Flange and inspect the height of Focusing Roller (2211).
If there is any defect adjust it in a manner described in par. 3c, page II-5. (Sheet No. 4 and 11)

(2) Screw 7.5mm Gauge into the Lens Mounting Flange and check the Haircross of the Collimetor. If there is any defect adjust it in the manner explained in par. 3a and 3b, page II-4.

(3) Place the camera on a bench and set the chart exactly 5 feet before the Red Dot (film plane) on the camera body and adjust the finder axis. When coinciding the images of crossline of the chart by viewing through the range finder, the distance scale of the lens must indicate 5 feet. If it does not show within the markings of depth of field scale at maximum aperture, adjust V gap Range Finder Cam (2210). (Sheet No. 9 and 11)

Section III

EXPLODED VIEW
of
CANON CAMERA BODY, MODEL IV-S2

These diagrams show you the correct procedure for disassembling and assembling the Canon Camera Body. They also indicate parts numbers.

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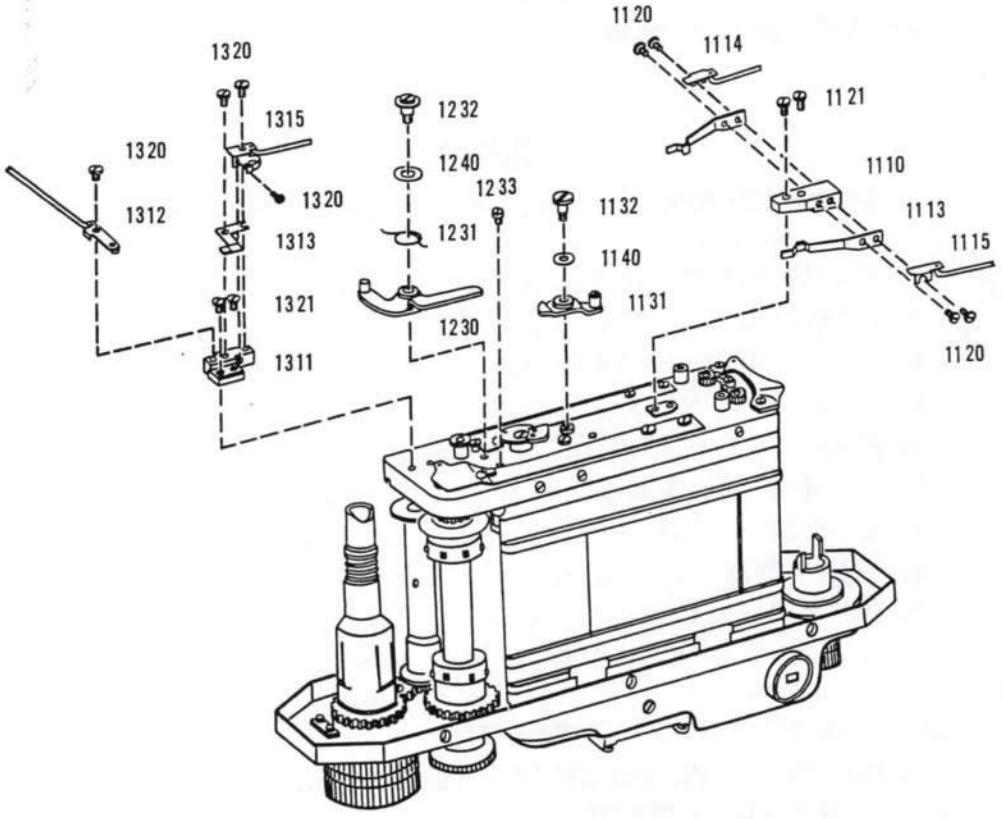
EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S



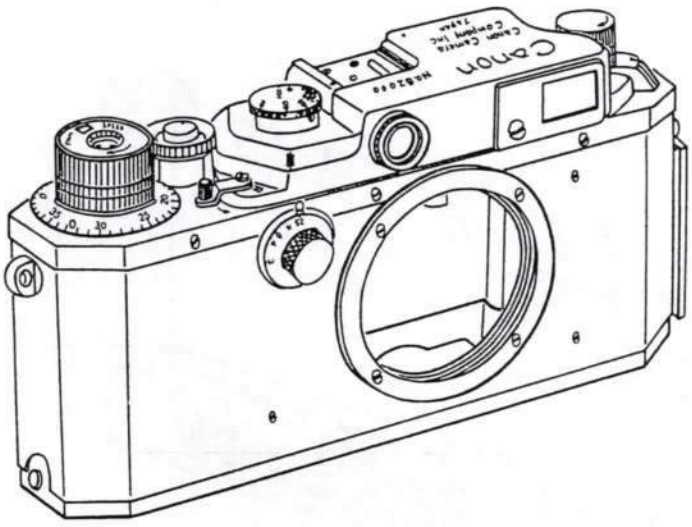
TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

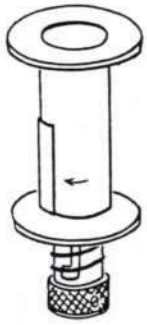
JUNE 1953

REFERENCE NO. C-10301

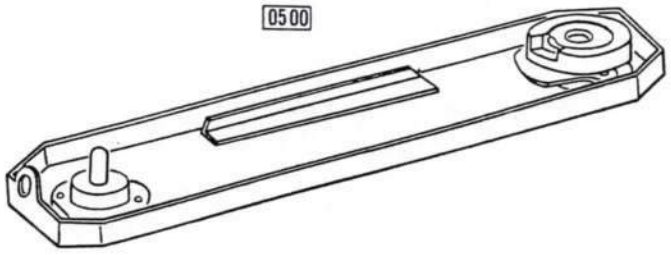
EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

SHEET No. 1





0500

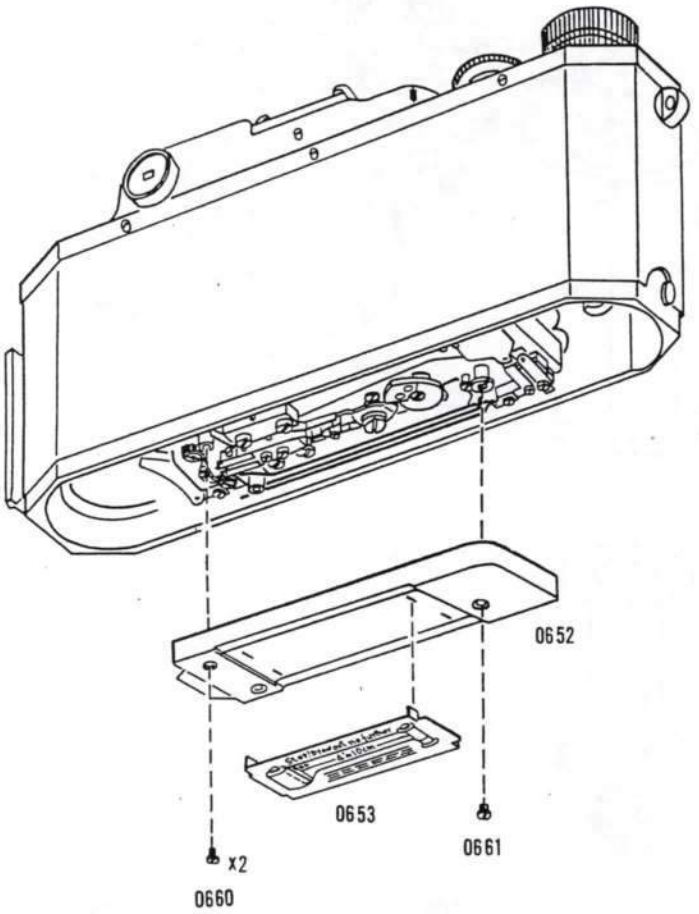


TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

REFERENCE NO. C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



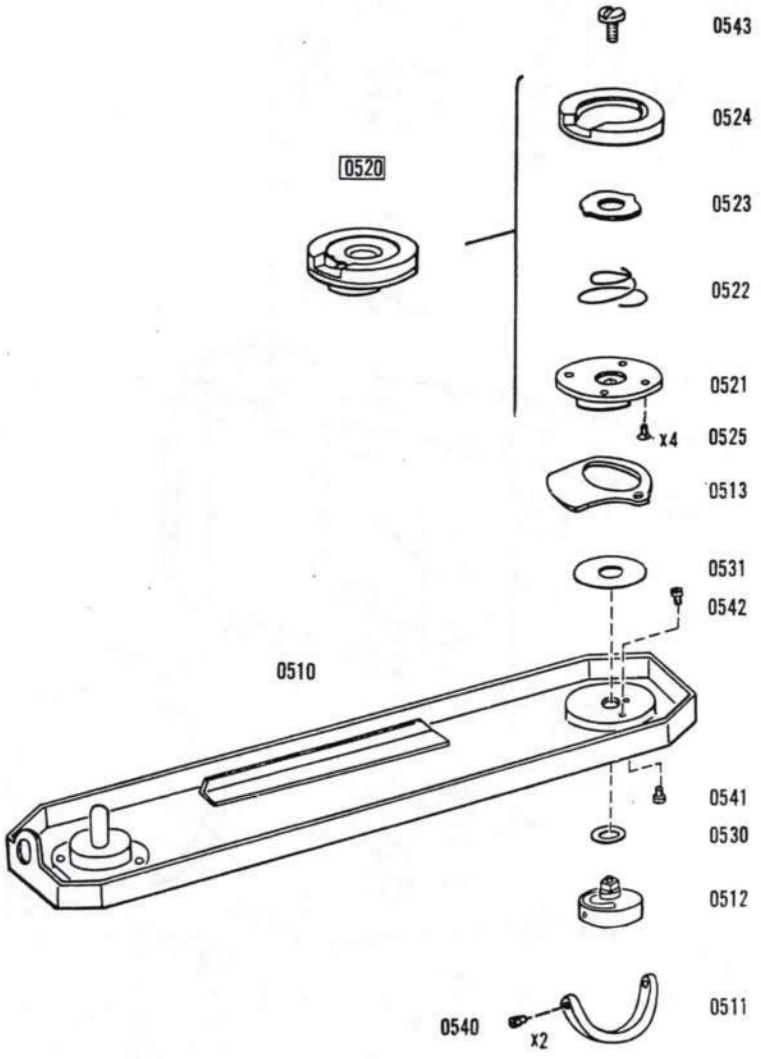
TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

REFERENCE No. C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

SHEET No. 3



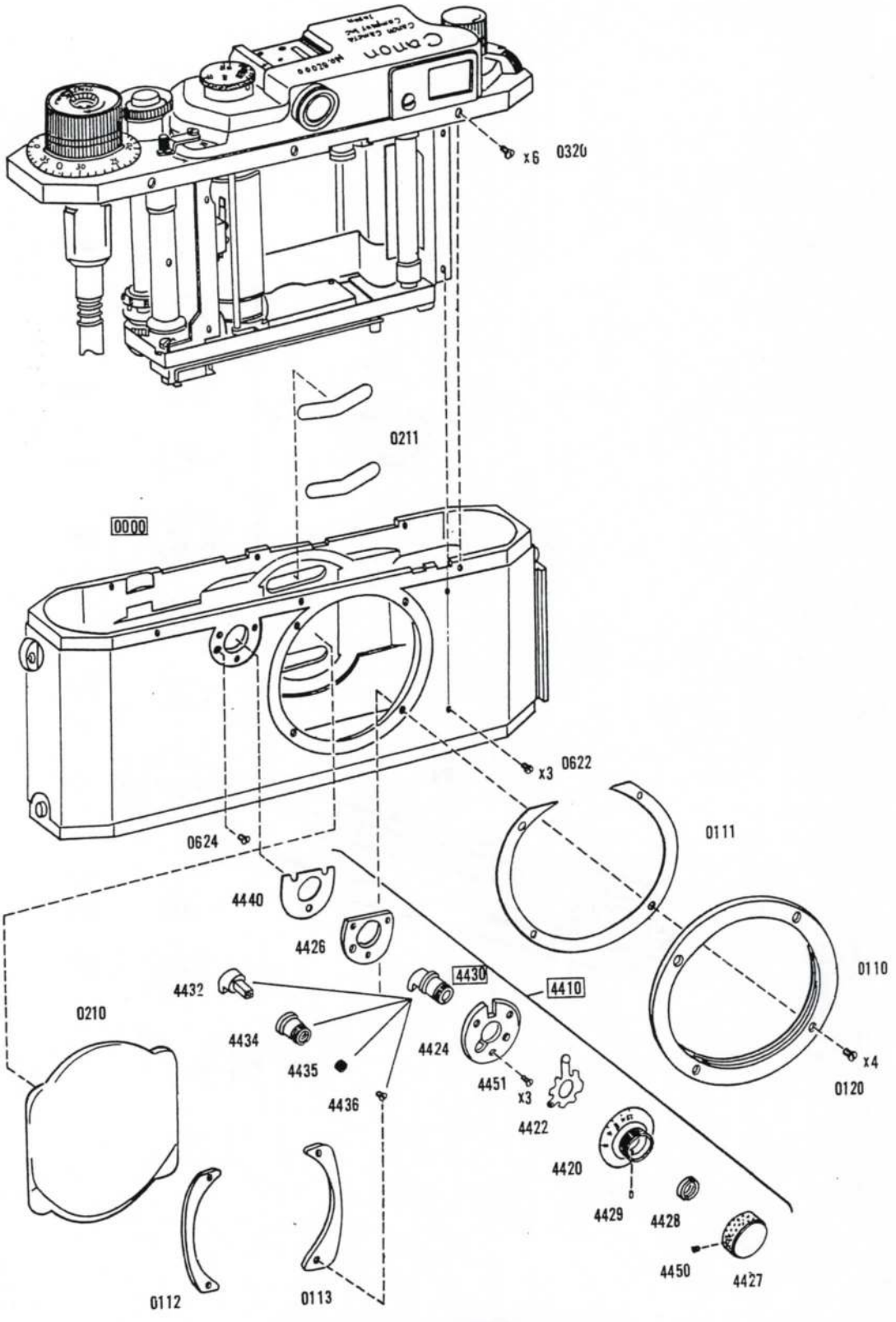
TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

REFERENCE NO. C-10307

SHEET No. 4

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

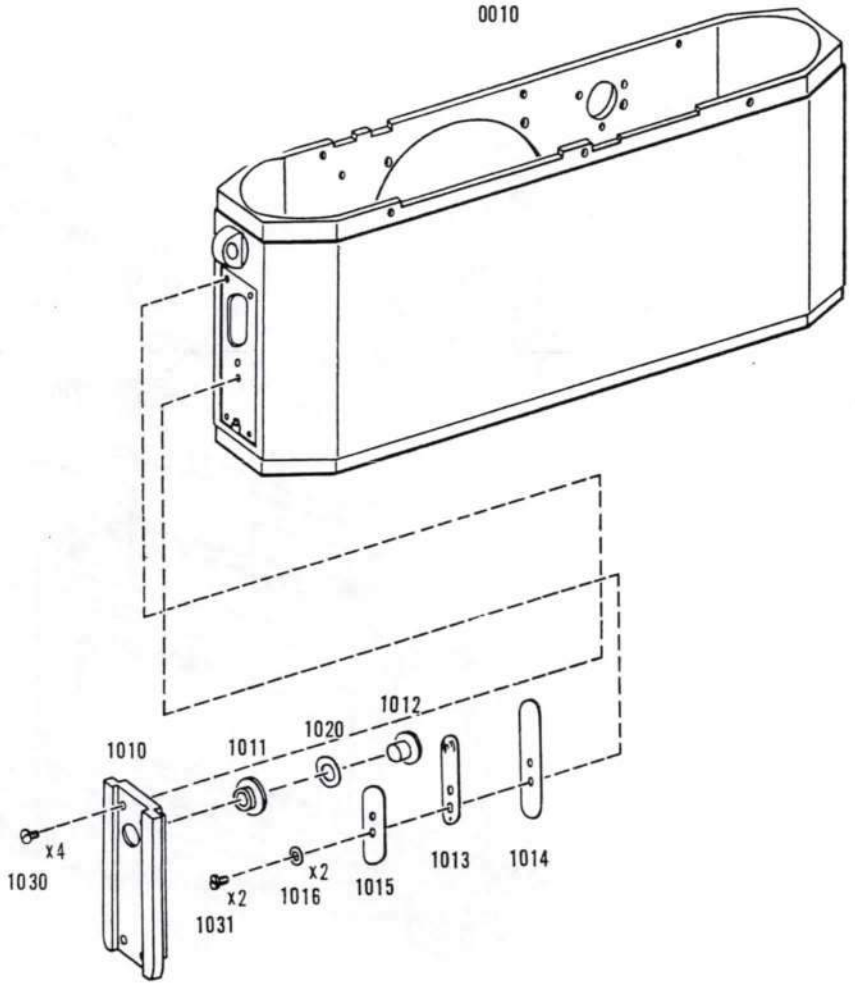


TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

REFERENCE NO.C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

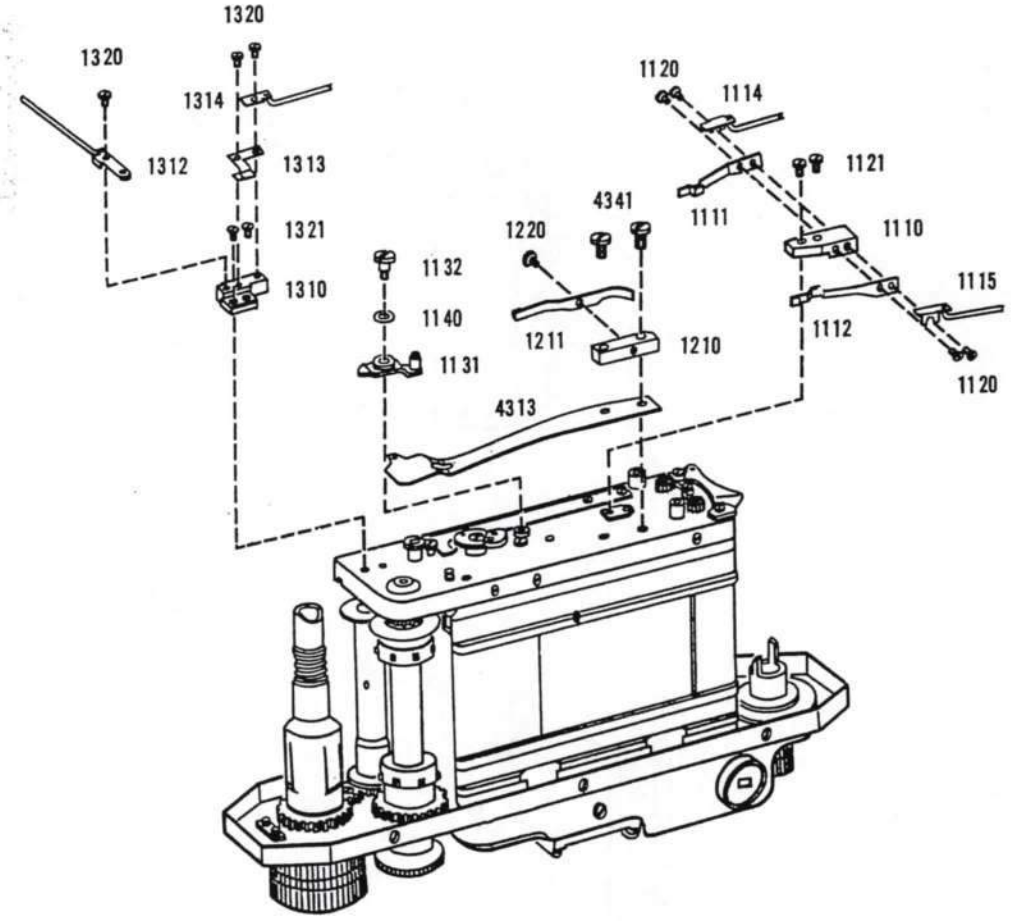


TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

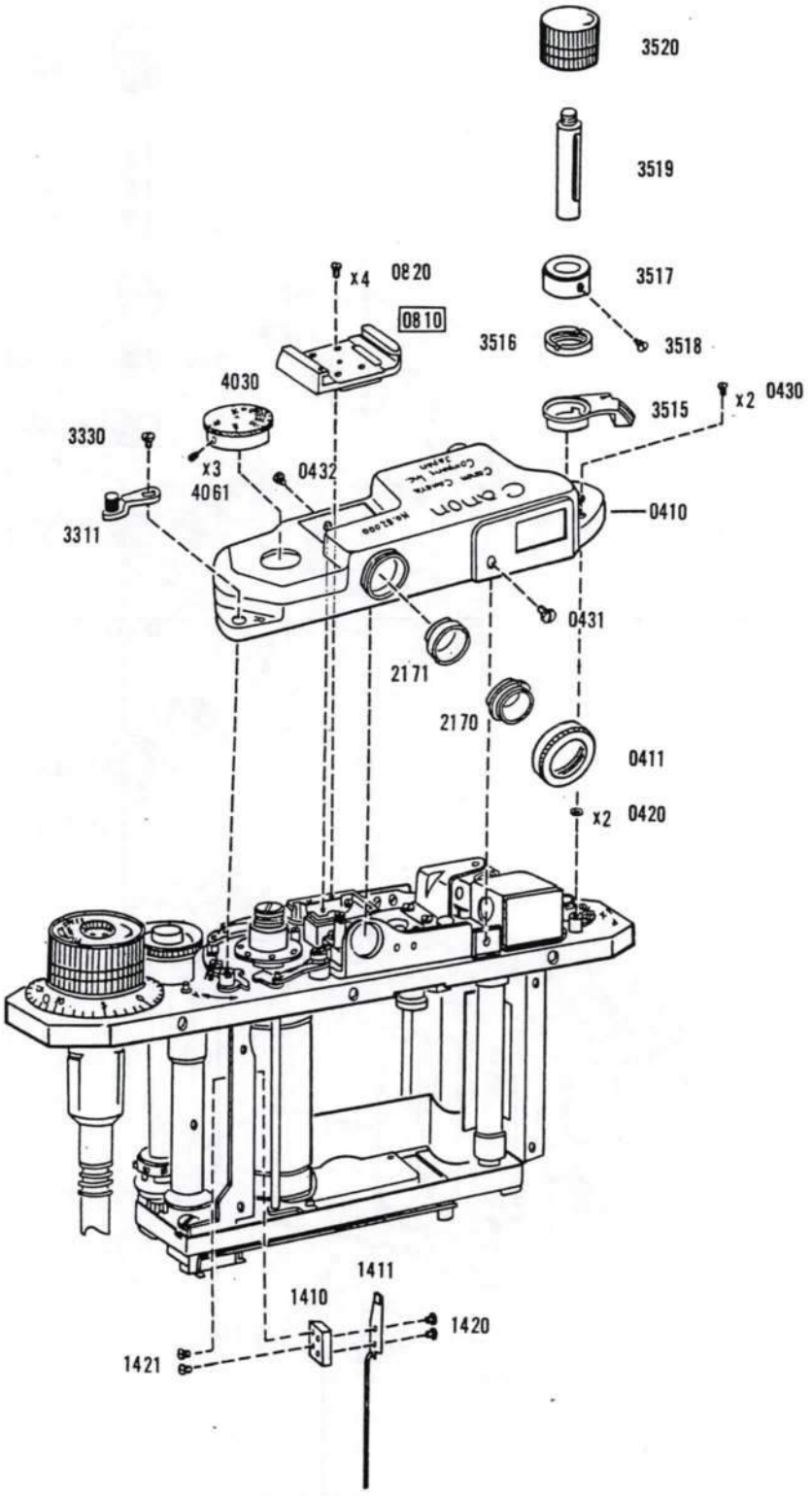
REFERENCE NO. C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

SHEET No. 7



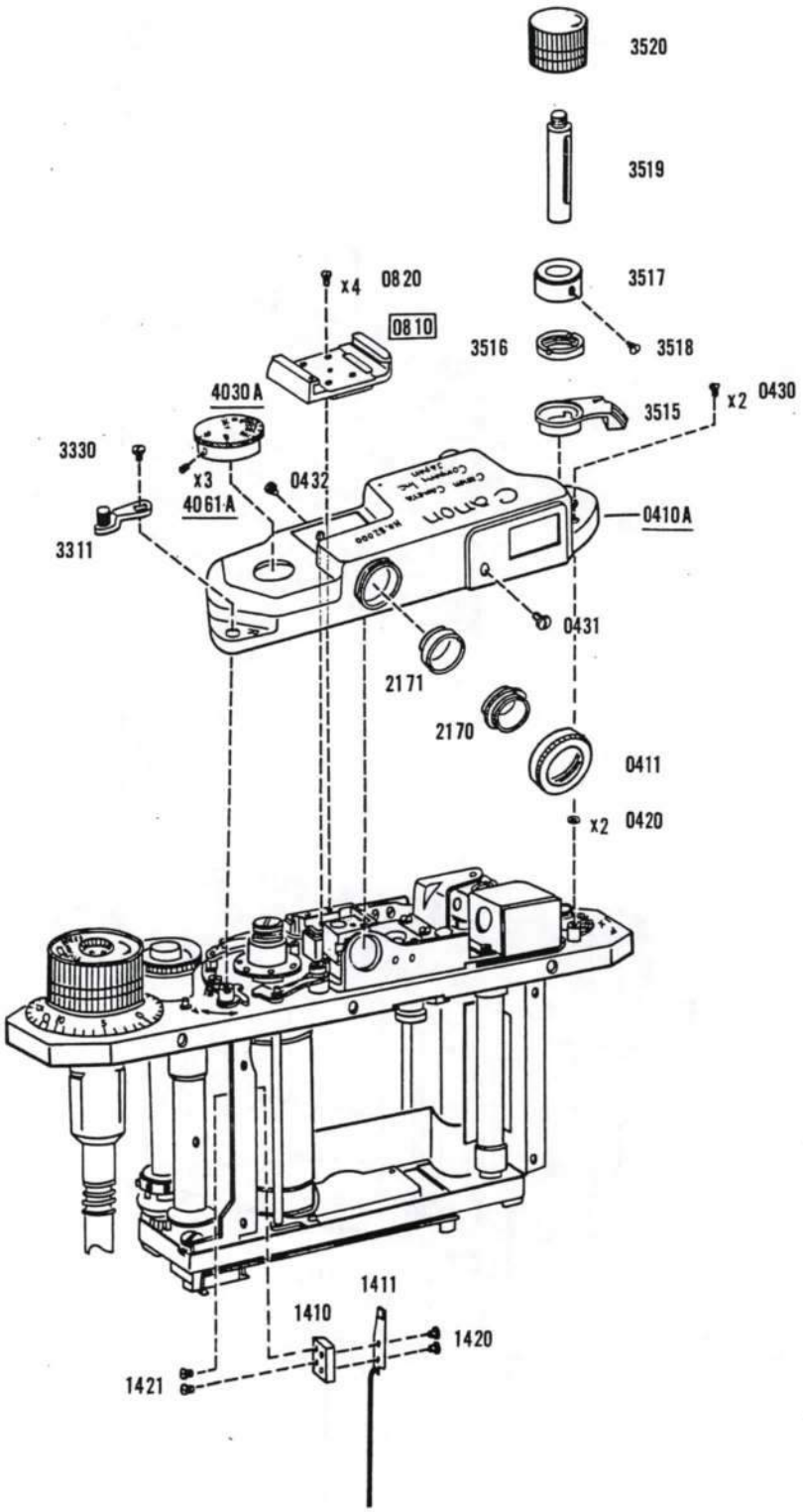
TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

REFERENCE NO.C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

SHEET No. 7 A



TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

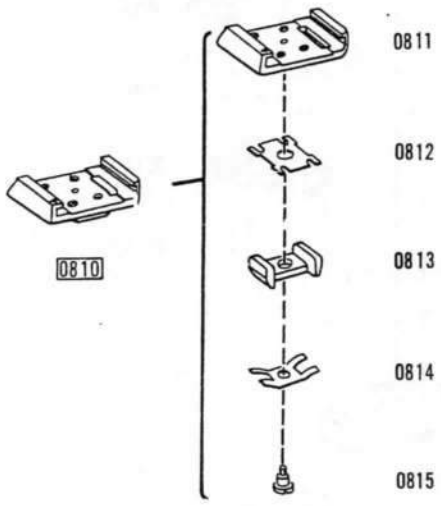
FEBRUARY 1955

REFERENCE NO. C-10307

EXPLODED VIEW

of

CANON CAMERA BODY MODEL IV-S2

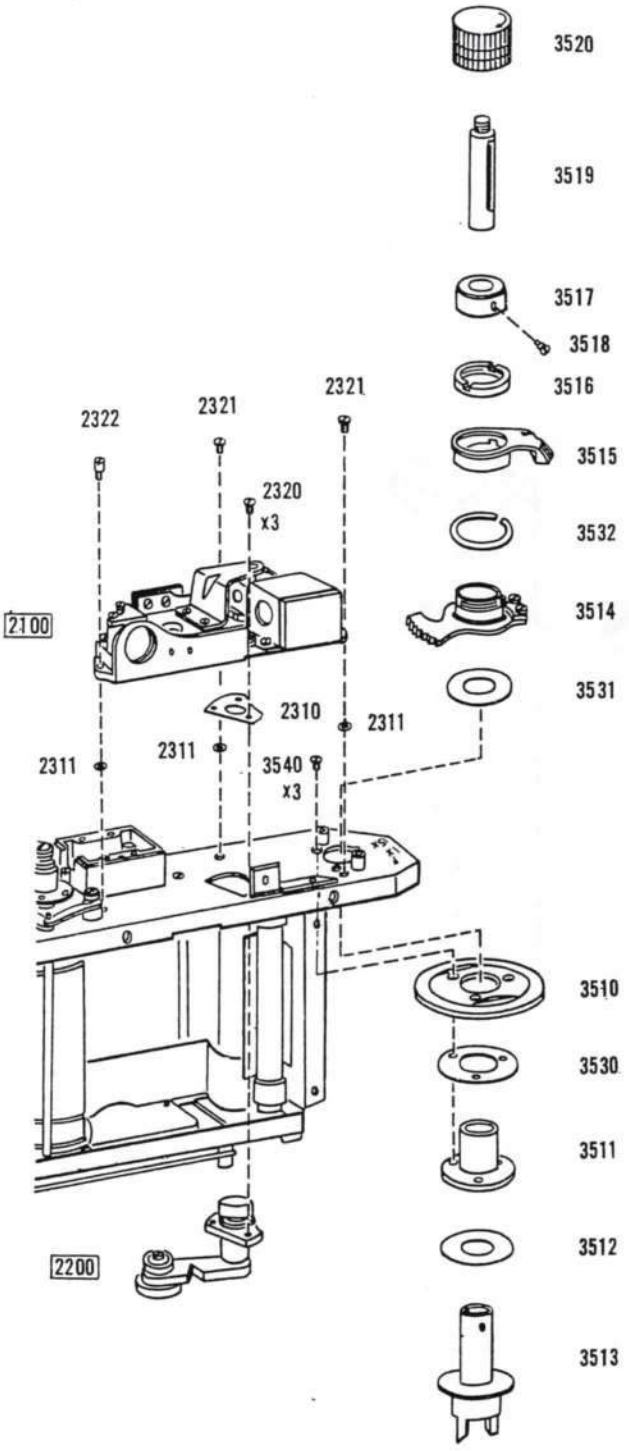


TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

IUNE 1953

REFERENCE NO. C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

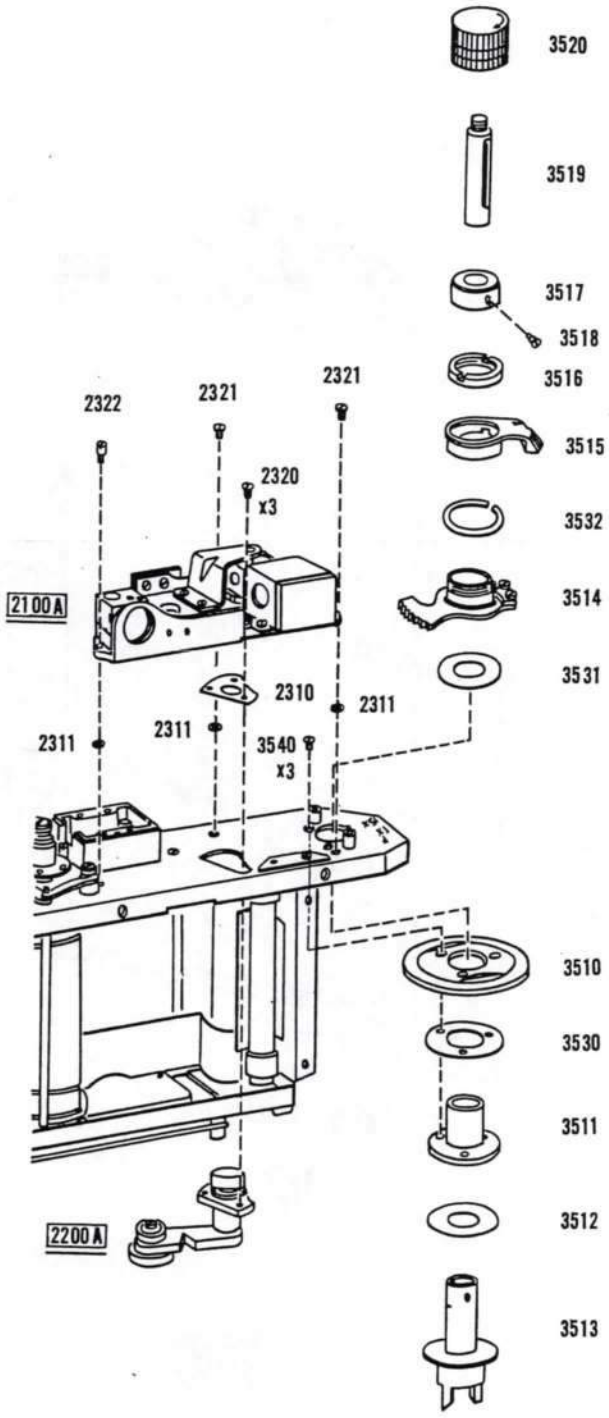


TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

REFERENCE NO. C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



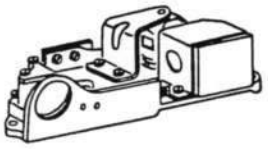
TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

FEBRUARY 1955

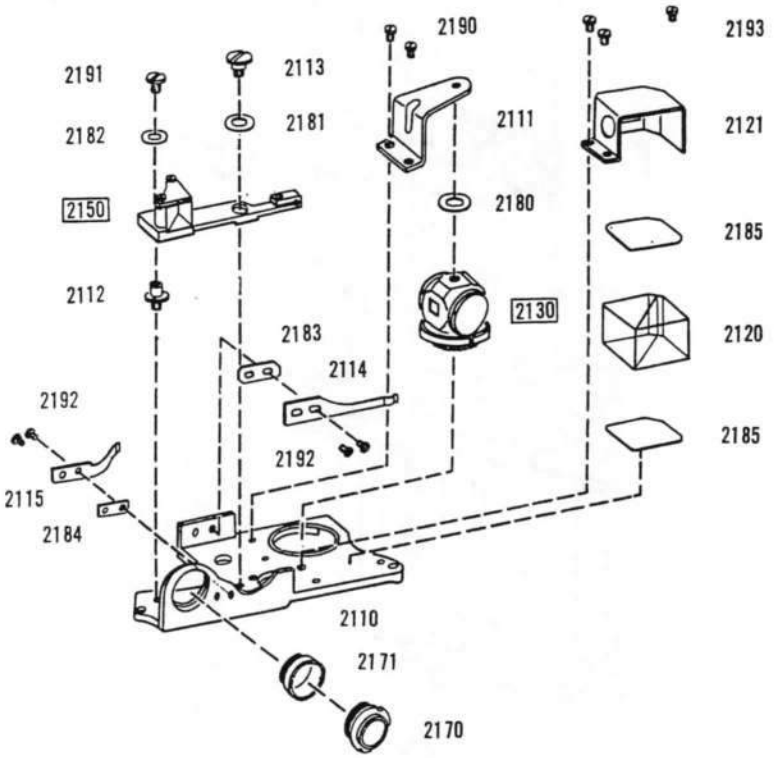
REFERENCE NO. C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

SHEET No. 10

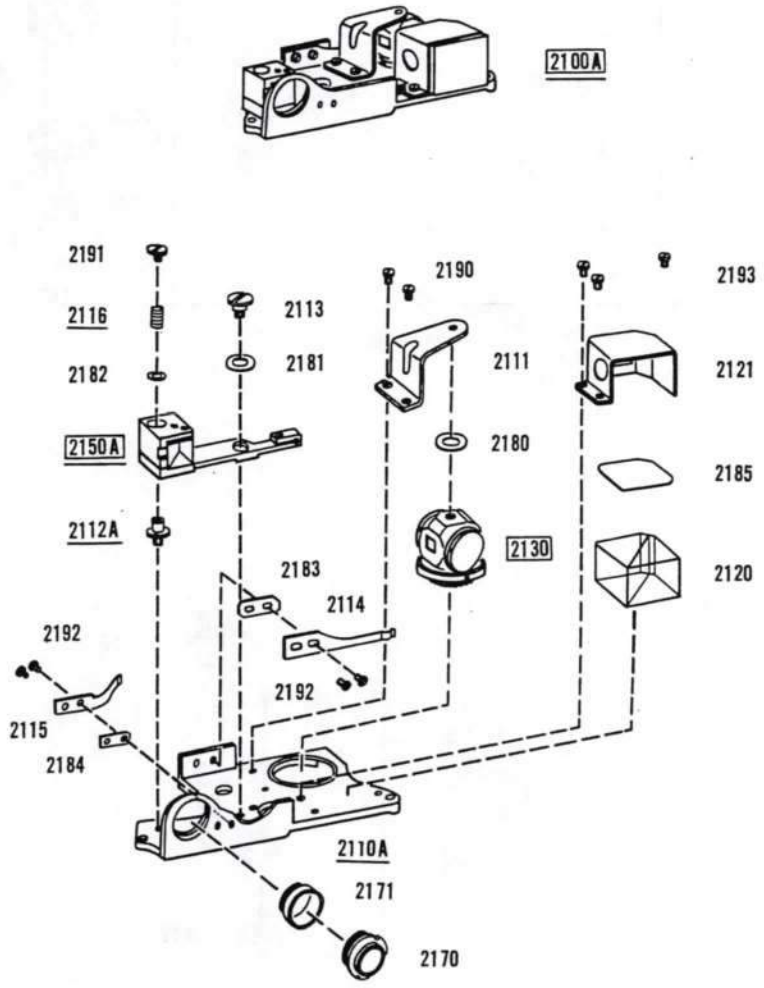


2100



EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

SHEET No. 10A

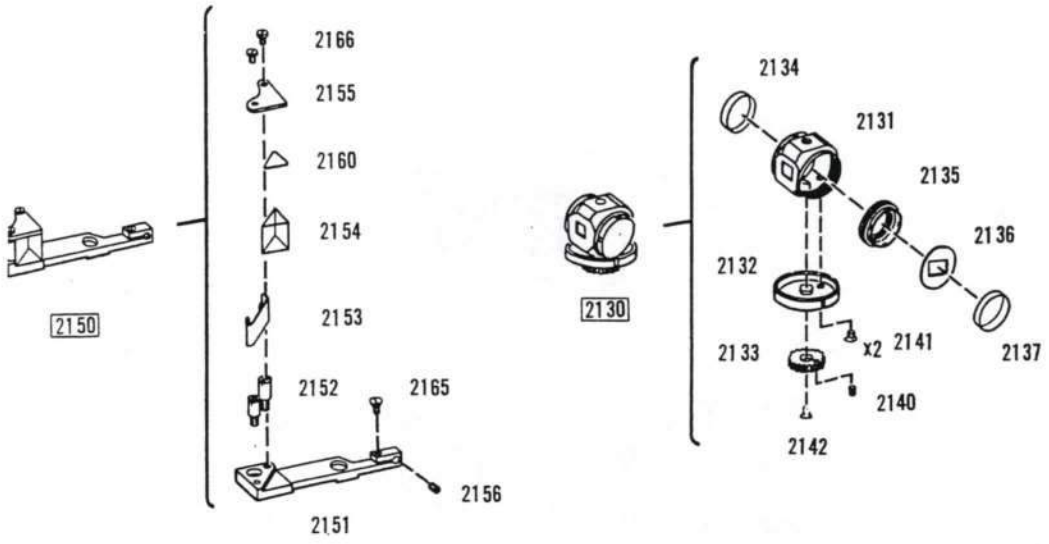


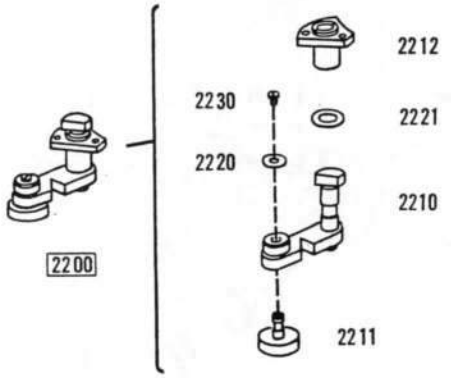
TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

FEBRUARY 1955

REFERENCE NO. C-10307

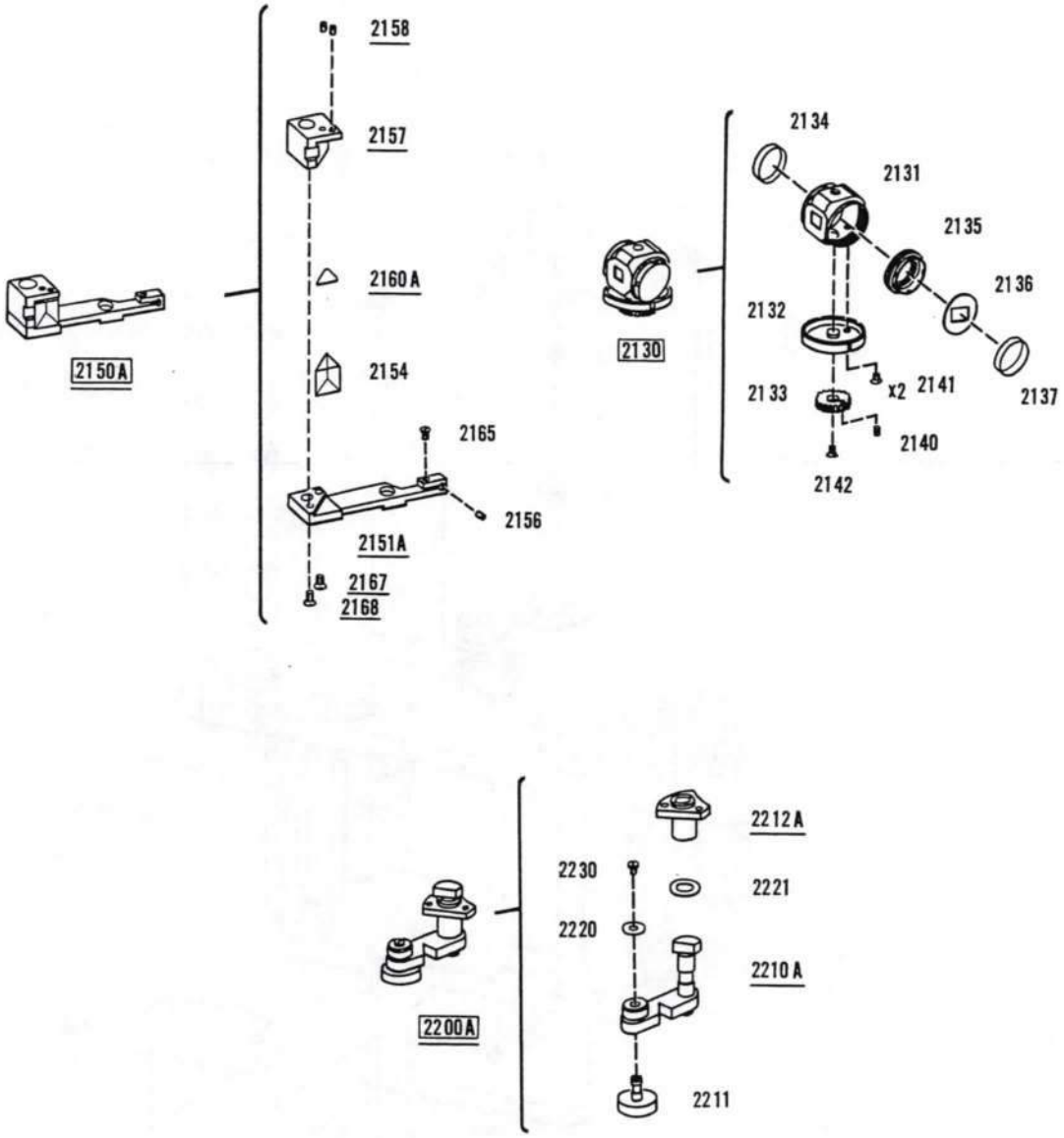
EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



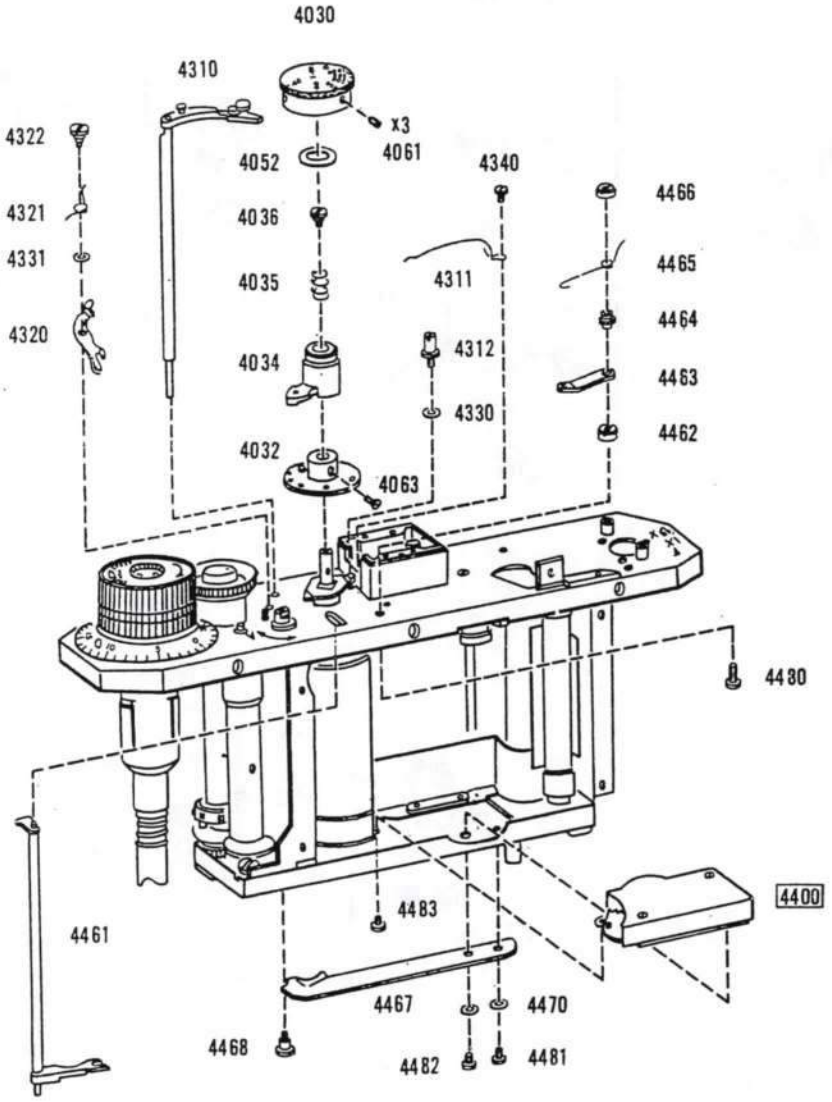


EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

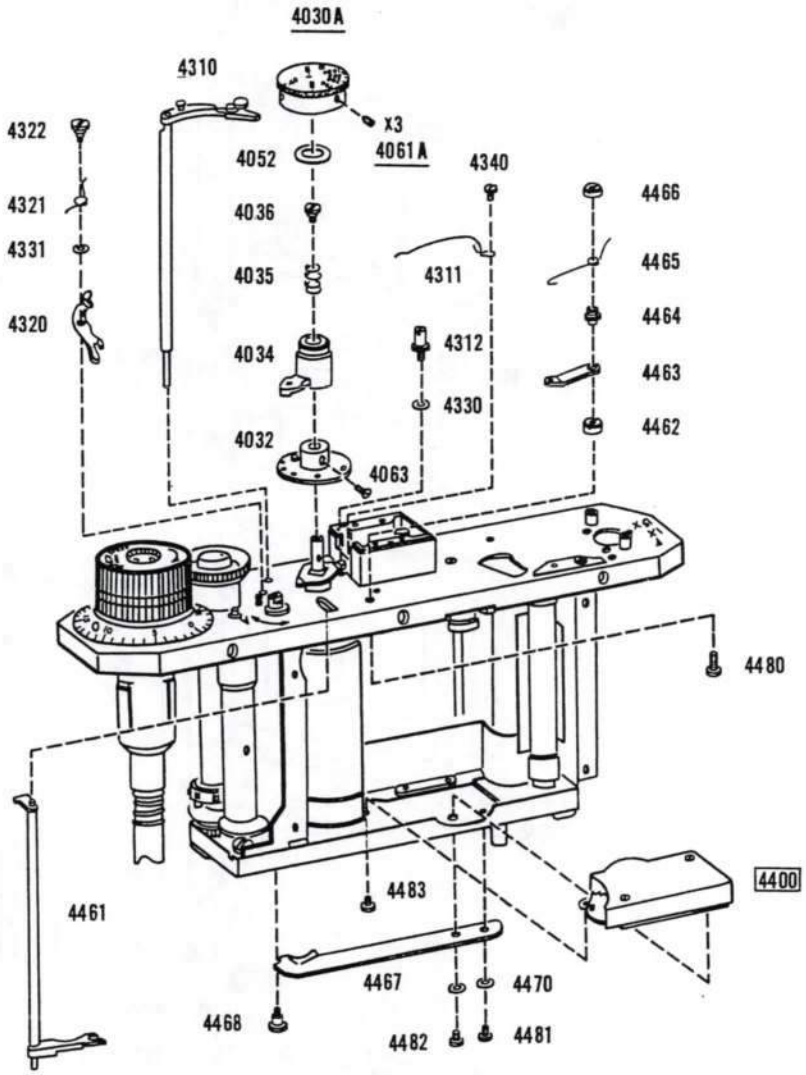
SHEET No. 11 A



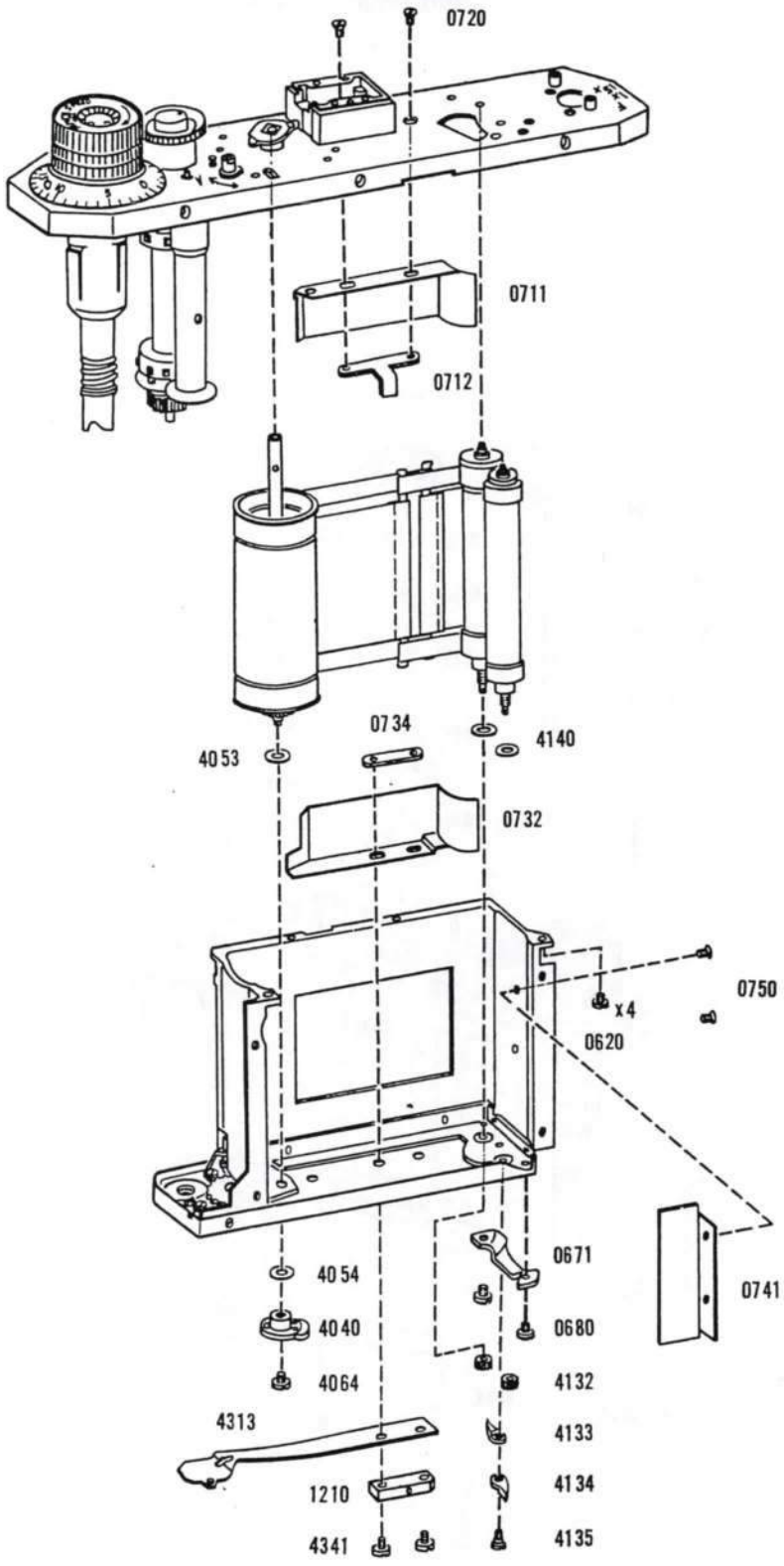
EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

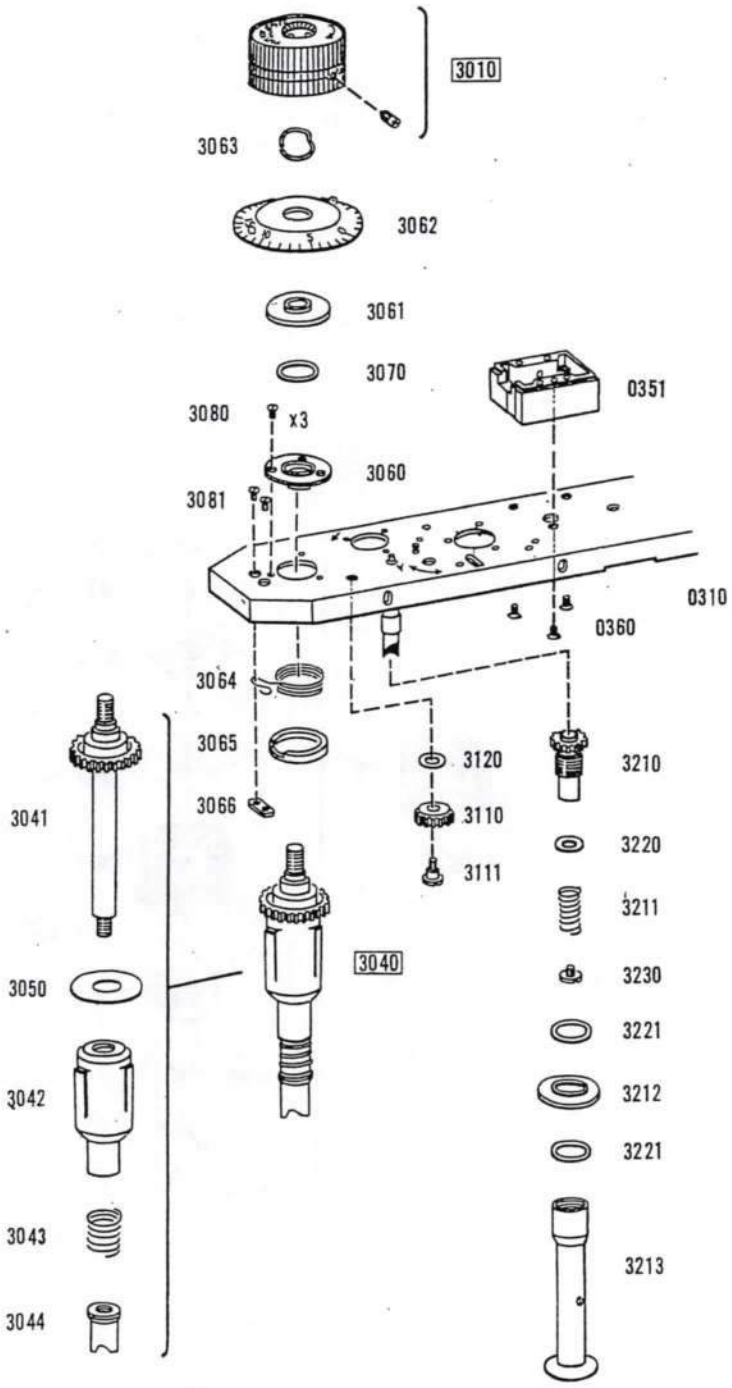


EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

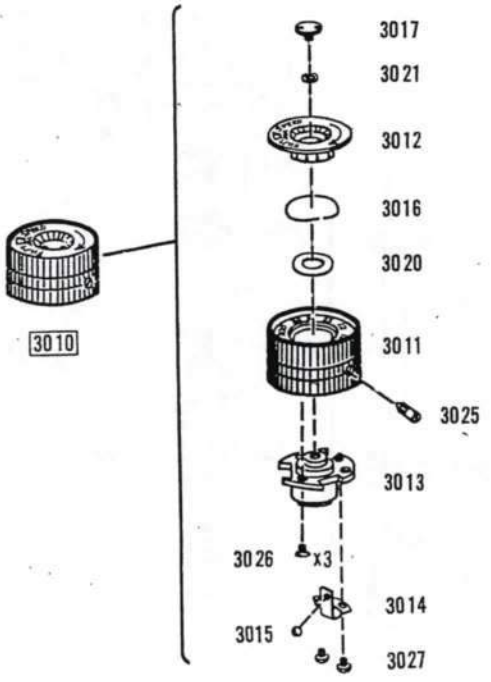


TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

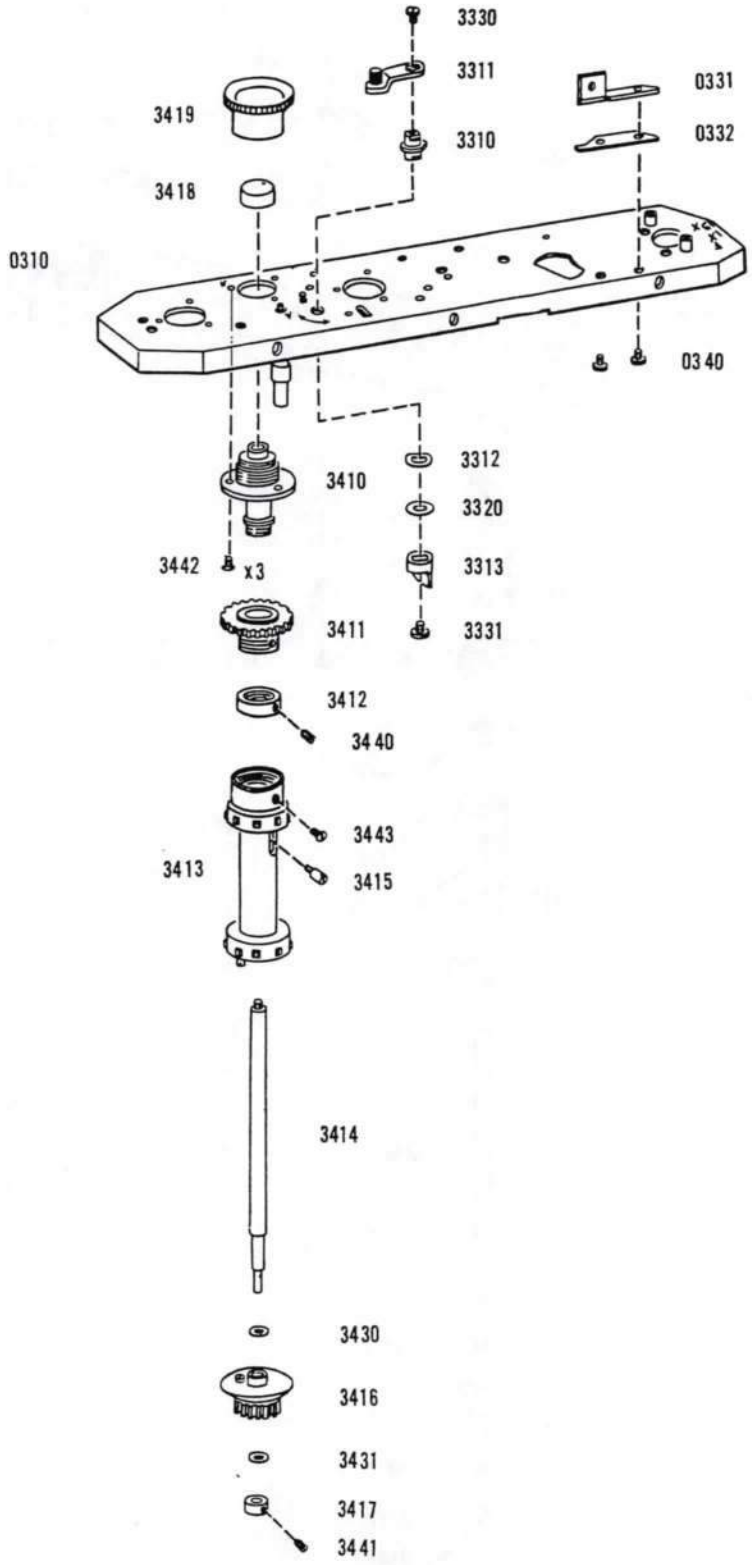
EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



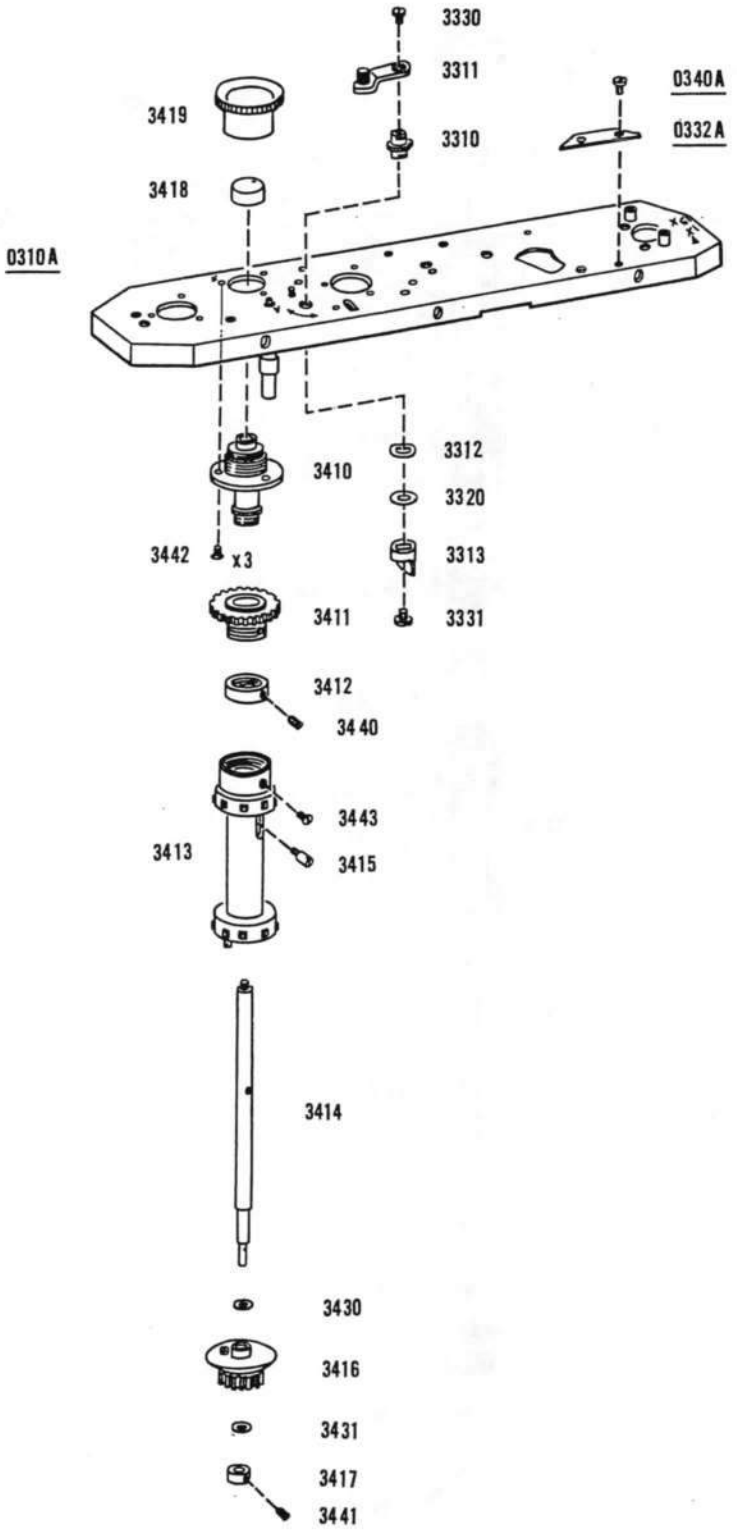
EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



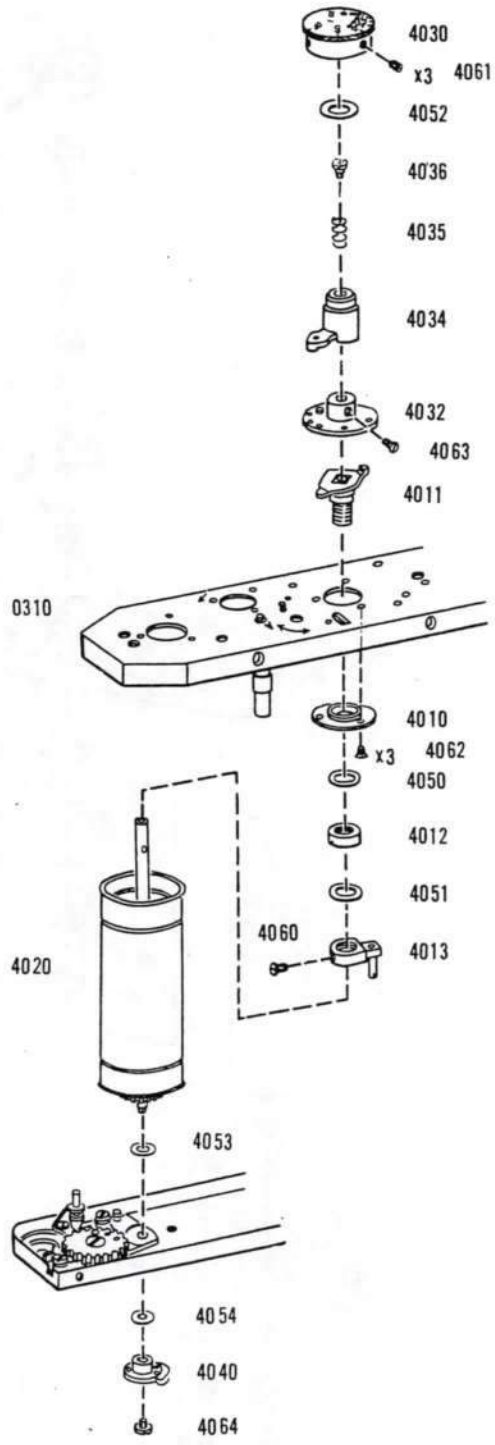
EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

SHEET No. 17

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

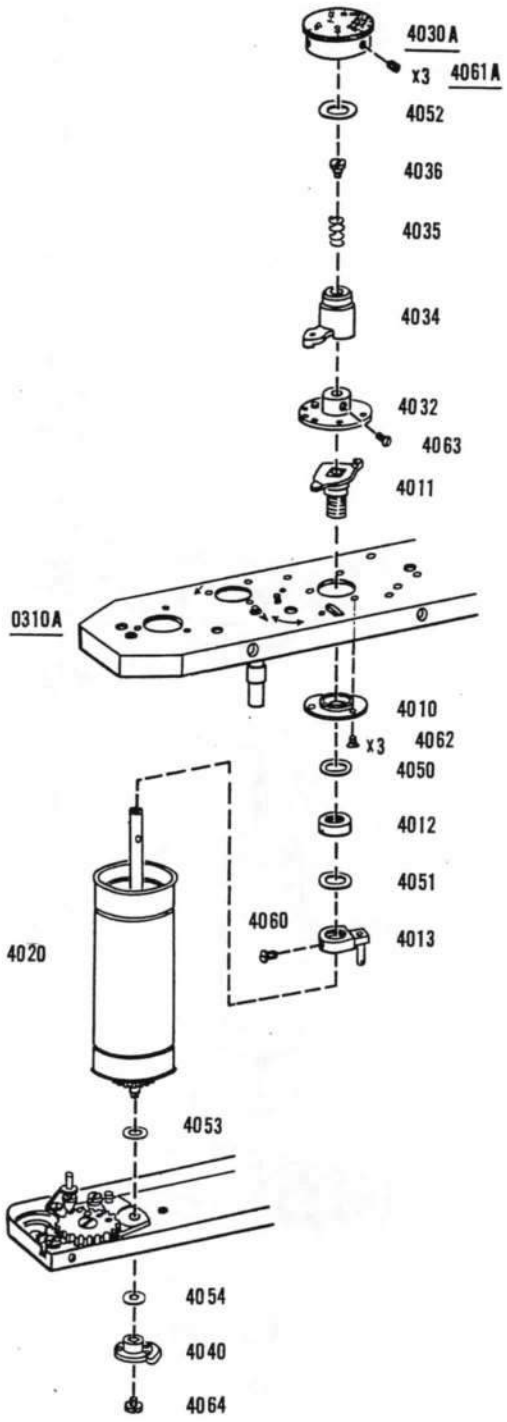


TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

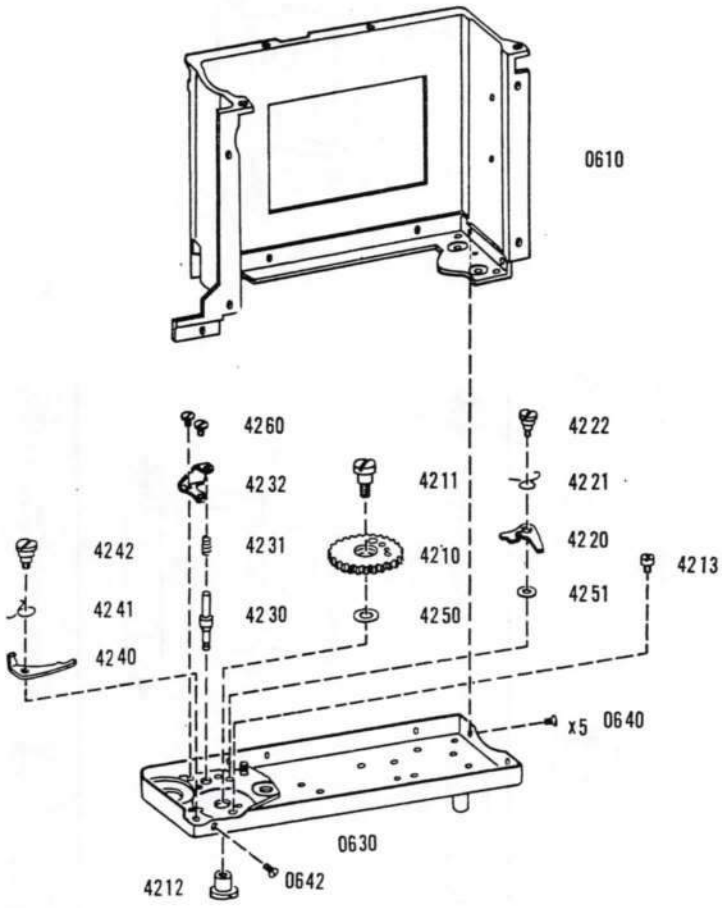
REFERENCE NO.C-10307

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2

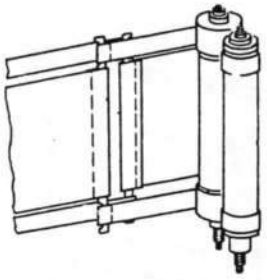


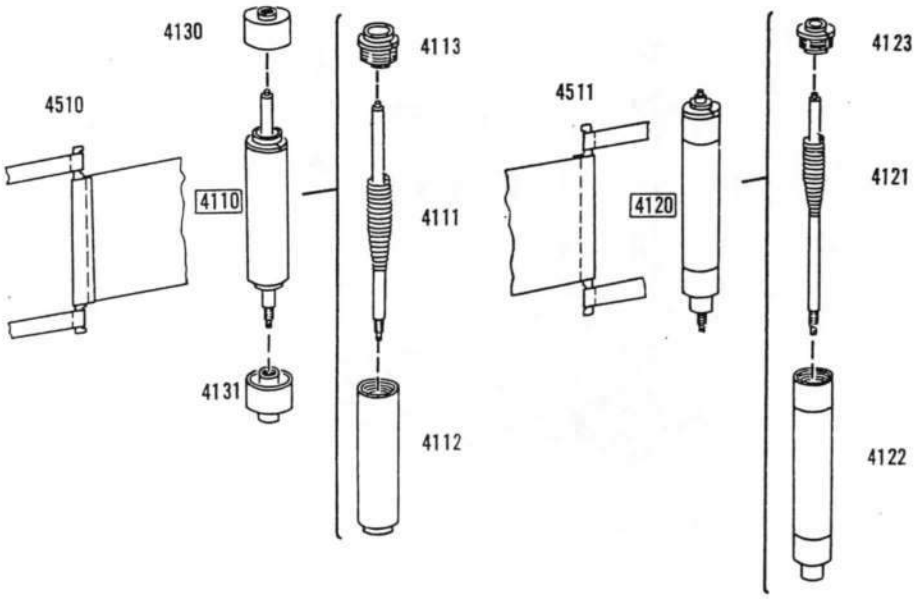
TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2



EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2





TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1953

REFERENCE NO.C-10307

Section IV

CAMERA MODELS and PARTS LIST

When ordering parts be sure to indicate NOMENCLATURE, CAMERA MODEL, PARTS NUMBER, DESCRIPTION and quantity needed.

NOTE: ※ and ⊙ indicate that the part is further broken down in the column corresponding to the marking.

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
Body Case	0000	0000	-	0000	0000	-	-	-	Body Case with Flash Terminal for Die Cast Picture Frame (Assembly)	4
	-	-	-	-	0001	-	0001	-	Body Case with Flash Terminal for Brass Plate Picture Frame (Assembly)	
	0010	0010	-	0010	0010	-	-	-	Body Case for D.C.P.F.*	5
	-	-	-	-	0011	-	0011	-	Body Case for B. P.P.F.**	
	-	-	0012	-	-	0012	-	-	Body Case for D.C.P.F.*	
	-	-	-	-	-	0013	-	0013	Body Case for B.P.P,F.** Frame	
Lens Mounting Flange	0100	0100	0100	0100	0100	0100	0100	0100	Set	
	0110	0110	0110	0110	0110	0110	0110	0110	Flange	4
	0111	0111	0111	0111	0111	0111	0111	0111	Washer	4
	0112	0112	0112	0112	0112	0112	0112	0112	Support Nut	4
	0113	0113	0113	0113	0113	0113	0113	0113	Support Nut	4
	0120	0120	0120	0120	0120	0120	0120	0120	Sorew 0110/0010×4	4
Pressure Plate	0200	0200	0200	0200	0200	0200	0200	0200	Set.	
	0210	0210	0210	0210	0210	0210	0210	0210	Pressure Plate	4
	0211	0211	0211	0211	0211	0211	0211	0211	Spring×2	4
Top Cover	0300	0300	0300	0300	0300	0300	0300	0300	Set	
	0310	0310	0310	0310	0310	0310	0310	0310	Top Cover	14,16
	0320	0320	0320	0320	0320	0320	0320	0320	Sorew 0310/0010, 0011, 0012, 0013×6	4
	0330	0330	0330	0330	0330	0330	0330	0330	Set	
	0331	0331	0331	0331	0331	0331	0331	0331	Bracket	16

* Die Cast Picture Frame
** Brass Plate Picture Frame

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
Body Case	0000	0000	-	0000	0000	-	-	-	Body Case with Flash Terminal for Die Cast Picture Frame (Assembly)	4
	-	-	-	-	0001	-	0001	-	Body Case with Flash Terminal for Brass Plate Picture Frame (Assembly)	
	0010	0010	-	0010	0010	-	-	-	Body Case for D.C.P.F.*	5
	-	-	-	-	0011	-	0011	-	Body Case for B. P.P.F.**	
	-	-	0012	-	-	0012	-	-	Body Case for D.C.P.F.*	
	-	-	-	-	-	0013	-	0013	Body Case for B.P.P.F.**	
	0090	0090	0090	0090	0090	0090	0090	0090	D-ring (Additional)	
Lens Mounting Flange	0100	0100	0100	0100	0100	0100	0100	0100	Set	
	0110	0110	0110	0110	0110	0110	0110	0110	Flange	4
	0111	0111	0111	0111	0111	0111	0111	0111	Washer	4
	0112	0112	0112	0112	0112	0112	0112	0112	Support Nut	4
	0113	0113	0113	0113	0113	0113	0113	0113	Support Nut	4
	0120	0120	0120	0120	0120	0120	0120	0120	Sorew 0110/0010×4	4
Pressure Plate	0200	0200	0200	0200	0200	0200	0200	0200	Set	
	0210	0210	0210	0210	0210	0210	0210	0210	Pressure Plate	4
	0211	0211	0211	0211	0211	0211	0211	0211	Spring×2	4
Top Cover	0300	0300	0300	0300	0300	0300	0300	0300	Set	
	0300A	0300A	0300A	0300A	-	-	-	-	Set (Improvement of 0300)	
	0310	0310	0310	0310	0310	0310	0310	0310	Top Cover	14,16
	0310A	0310A	0310A	0310A	-	-	-	-	Top Cover (Improvement of 0310)	14A,16A
	0320	0320	0320	0320	0320	0320	0320	0320	Sorew 0310/0010, 0011, 0012, 0013×6	4
	0330	0330	0330	0330	0330	0330	0330	0330	Set	
	0330A	0330A	0330A	0330A	-	-	-	-	Set (Improvement of 0330)	
	0331	0331	0331	0331	0331	0331	0331	0331	Braoket	16

* Die Cast Picture Frame
** Brass Plate Picture Frame

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	0332	0332	0332	0332	0332	0332	0332	0332	Washer	16
	0340	0340	0340	0340	0340	0340	0340	0340	Screw 0331/0310, 0311×2	16
	0350	0350	0350	0350	0350	0350	0350	0350	Set	
	0351	0351	0351	0351	0351	0351	0351	0351	Accessory Clip Base	14
	0360	0360	0360	0360	0360	0360	0360	0360	Screw 0351/0310×3	14
Range View Finder Cover	0400	0400	0400	0400	0400	0400	0400	0400	Set	
	0410	0410	0410	0410	0410	0410	0410	0410	Range View Finder Cover	7
	0411	0411	0411	0411	0411	0411	0411	0411	Retainer Ring	7
	0420	0420	0420	0420	0420	0420	0420	0420	Washer	7
	0430	0430	0430	0430	0430	0430	0430	0430	Screw 0410/0310×2	7
	0431	0431	0431	0431	0431	0431	0431	0431	Screw 0410/0331	7
	0432	0432	0432	0432	0432	0432	0432	0432	Screw 0410/0351	7
Base Plate	0500	0500	0500	0500	0500	0500	0500	0500	Assembly	1
	0510	0510	0510	0510	0510	0510	0510	0510	Base Plate	3
	0511	0511	0511	0511	0511	0511	0511	0511	Handle	3
	0512	0512	0512	0512	0512	0512	0512	0512	Stud	3
	0513	0513	0513	0513	0513	0513	0513	0513	Look	3
	※0520	0520	0520	0520	0520	0520	0520	0520	Magazine Opening Disk	3
	0530	0530	0530	0530	0530	0530	0530	0530	Washer	3
	0531	0531	0531	0531	0531	0531	0531	0531	Washer	3
	0540	0540	0540	0540	0540	0540	0540	0540	Screw 0511/0512×2	3
	0541	0541	0541	0541	0541	0541	0541	0541	Stopper	3
	0542	0542	0542	0542	0542	0542	0542	0542	Shaft for Look	3
	0543	0543	0543	0543	0543	0543	0543	0543	Screw 0521/0512	3
	※0520	0520	0520	0520	0520	0520	0520	0520	Magazine Opening Disk (Assembled)	3
	0521	0521	0521	0521	0521	0521	0521	0521	Base Plate	3
	0522	0522	0522	0522	0522	0522	0522	0522	Spring	3

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	0332	0332	0332	0332	0332	0332	0332	0332	Washer	16
	0332A	0332A	0332A	0332A	-	-	-	-	Washer (Improvement of 0332)	16A
	0340	0340	0340	0340	0340	0340	0340	0340	Sorew 0331/0310, 0311×2	16
	0340A	0340A	0340A	0340A	-	-	-	-	Sorew 0310A/0332A (Improvement of 0340)	16A
	0350	0350	0350	0350	0350	0350	0350	0350	Set	
	0351	0351	0351	0351	0351	0351	0351	0351	Accessory Clip Base	14
	0360	0360	0360	0360	0360	0360	0360	0360	Sorew 0351/0310×3	14
Range View Finder Cover	0400	0400	0400	0400	0400	0400	0400	0400	Set	
	0400A	0400A	0400A	0400A	-	-	-	-	Set (Improvement of 0400)	
	0410	0410	0410	0410	0410	0410	0410	0410	Range View Finder Cover	7
	0410A	0410A	0410A	0410A	-	-	-	-	Range View Finder Cover (Improvement of 0410)	7A
	0411	0411	0411	0411	0411	0411	0411	0411	Retainer Ring	7
	0420	0420	0420	0420	0420	0420	0420	0420	Washer	7
	0430	0430	0430	0430	0430	0430	0430	0430	Sorew 0410/0310×2	7
	0431	0431	0431	0431	0431	0431	0431	0431	Sorew 0410/0331	7
	0432	0432	0432	0432	0432	0432	0432	0432	Sorew 0410/0351	7
Base Plate	0500	0500	0500	0500	0500	0500	0500	0500	Assembly (1/4" Tripod Sorew)	1
	0501	0501	0501	0501	0501	0501	0501	0501	Assembly (3/8" Tripod Sorew) (Additional)	
	0510	0510	0510	0510	0510	0510	0510	0510	Base Plate With 1/4" Triod Sorew	3
	0515	0515	0515	0515	0515	o515	0515	0515	Base Plate With 3/8"Tripod Sorew (Additional)	
	0511	0511	0511	0511	0511	0511	0511	0511	Handle	3
	0512	0512	0512	0512	0512	0512	0512	0512	Stud	3
	0513	0513	0513	0513	0513	0513	0513	0513	Look	3
	※0520	0520	0520	0520	0520	0520	0520	0520	Magazine Opening Disk	3
	0530	0530	0530	0530	0530	0530	0530	0530	Washer	3
	0531	0531	0531	0531	0531	0531	0531	0531	Washer	3
	0540	0540	0540	0540	0540	0540	0540	0540	Sorew 0511/0512×2	3
	0541	0541	0541	0541	0541	0541	0541	0541	Stopper	3
	0542	0542	0542	0542	0542	0542	0542	0542	Shaft for Look	3
	0543	0543	0543	0543	0543	0543	0543	0543	Sorew 0521/0512	3
	※0520	0520	0520	0520	0520	0520	0520	0520	Magazine Opening Disk (Assembled)	3
	0521	0521	0521	0521	0521	0521	0521	0521	Base Plate	3
	0522	0522	0522	0522	0522	0522	0522	0522	Spring	3

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	0523	0523	0523	0523	0523	0523	0523	0523	Moving Plate	3
	0524	0524	0524	0524	0524	0524	0524	0524	Magazine Opening Disk	3
	0525	0525	0525	0525	0523	0523	0525	0525	Screw 0521/0524×4	3
Picture Frame & Bottom Plate	0600	0600	0600	0600	0600	0600	-	-	Set for Die Cast Picture Frame	
	-	-	-	-	0601	0601	0601	0601	Set for Brass Plate Picture Frame	
	0610	0610	0610	0610	0610	0610	-	-	Die Cast Picture Frame	18
	-	-	-	-	0611	0611	0611	0611	Brass Plate Picture Frame	
	0620	0620	0620	0620	0620	0620	-	-	Screw 0610/0310×4	13
	-	-	-	-	0621	0621	0621	0621	Screw 0611/0310×4	
	0622	0622	0622	0622	0622	0622	-	-	Screw 0610/0010, 0012×3	4
	-	-	-	-	0623	0623	0623	0623	Screw 0611/0011, 0013×3	
	0624	0624	0624	0624	0624	0624	0624	0624	Screw 0610/0010, 0012	4
	-	-	-	-	0625	0625	0625	0625	Screw 0611/0011, 0013	
	0630	0630	0630	0630	0630	0630	-	-	Bottom Plate for D.C.P.F.*	18
	-	-	-	-	0631	0631	0631	0631	Bottom Plate for B.P.P.F.**	
	0640	0640	0640	0640	0640	0640	-	-	Screw 0630/0610×5	18
	-	-	-	-	0641	0641	0641	0641	Screw 0631/0611×5	
	0642	0642	0642	0642	0642	0642	-	-	Screw 0630/0610	18
	-	-	-	-	0643	0643	0643	0643	Screw 0631/0611	
			-	0650	0650	-	0650	-	Set	
			0651	-	-	0651	-	0651	Set	
	0652	0652	0652	0652	0652	0652	0652	0652	Bottom Plate Cover	2
			-	0653	0653	-	0653	-	Film Loading Guide	2
			0654	-	-	0654	-	0654	Film Loading Guide	
	0660	0660	0660	0660	0660	0660	0660	0660	Screw 0652/0630×2	2
	0661	0661	0661	0661	0661	0661	0661	0661	Screw 0000/0000	2
	0670	0670	0670	0670	0670	0670	0670	0670	Set	
	0671	0671	0671	0671	0671	0671	0671	0671	Lock Holder	13
	0680	0680	0680	0680	0680	0680	0680	0680	Screw 0671/0630, 0631×2	13

* Die Cast Picture Frame
** Brass Plate Picture Frame

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
Light Shield	0710	0710	0710	0710	0710	0710	0710	0710	Set	
	0711	0711	0711	0711	0711	0711	0711	0711	Top Light Shield	13
	0712	0712	0712	0712	0712	0712	0712	0712	Bracket	13
	0720	0720	0720	0720	0720	0720	0720	0720	Screw 0711/0310×2	13
	0730	0730	0730	0730	0730	0730	-	-	Set for Die Cast Picture Frame	
	-	-	-	-	0731	0731	0731	0731	Set for Brass Plate Picture Frame	
	0732	0732	0732	0732	0732	0732	-	-	Bottom Light Shield for D.C.P.F.*	13
	-	-	-	-	0733	0733	0733	0733	Bottom Light Shield for B.P.P.F.**	
	0734	0734	0734	0734	0734	0734	0734	0734	Reinforcing plate	13
	0740	0740	0740	0740	0740	0740	0740	0740	Set	
	0741	0741	0741	0741	0741	0741	0741	0741	Side Shield	13
	0750	0750	0750	0750	0750	0750	0750	0750	Screw 0741/0610, 0611×2	13
Accessory Clip	0810	0810	0810	0810	0810	0810	0810	0810	Assembly	7, 8
	0811	0811	0811	0811	0811	0811	0811	0811	Clip	8
	0812	0812	0812	0812	0812	0812	0812	0812	Washer	8
	0813	0813	0813	0813	0813	0813	0813	0813	Pressure rail	8
	0814	0814	0814	0814	0814	0814	0814	0814	Spring	8
	0815	0815	0815	0815	0815	0815	0815	0815	Assembly Screw	8
	0820	0820	0820	0820	0820	0820	0820	0820	Screw 0810/0351×4	7
Flash Terminal	1000	1000	-	1000	1000	-	1000	-	Set	
	1010	1010	-	1010	1010	-	1010	-	Bracket	5
	1011	1011	-	1011	1011	-	1011	-	Insulator	5
	1012	1012	-	1012	1012	-	1012	-	Contact	5

* Die Cast Picture Frame
** Brass Plate Picture Frame

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	1013	1013	-	1013	1013	-	1013	-	Contaot Spring	5
	1014	1014	-	1014	1014	-	1014	-	Insulator Plate	5
	1015	1015	-	1015	1015	-	1015	-	Insulator Plate	5
	1016	1016	-	1016	1016	-	1016	-	Insulator Ring×2	5
	1020	1020	-	1020	1020	-	1020	-	Washer	5
	1030	1030	-	1030	1030	-	1030	-	Sorew 1010/1010, 0011×4	5
	1031	1031	-	1031	1031	-	1031	-	Sorew 1013/0010, 0011×2	5
High Speed Circuit	1100	-	-	1100	-	-	-	-	Assembly	
	-	-	-	-	1101	-	1101	-	Assembly	
	-	1102	-	-	-	-	-	-	Assembly	
	1110	1110	-	1110	1110	-	1110	-	Insulator Base	6
	1111	1111	-	1111	1111	-	1111	-	Contaot	6
	1112	-	-	1112	-	-	-	-	Contaot	6
	-	1113	-	-	1113	-	1113	-	Contaot	
	1114	1114	-	1114	1114	-	1114	-	Terminal	6
	1115	-	-	1115	1115	-	1115	-	Terminal	6
	-	1116	-	-	-	-	-	-	Terminal	
	1120	1120	-	1120	1120	-	1120	-	Sorew 1111, 1112, 1113/1110×4	6
	1121	1121	-	1121	1121	-	1121	-	Sorew 1110/0630, 0631×2	6
	1130	1130	-	1130	1130	-	1130	-	Set	
	1131	1131	-	1131	1131	-	1131	-	High Speed Cirouit Lever	6
	1132	1132	-	1132	1132	-	1132	-	Sorew	6
	1140	1140	-	1140	1140	-	1140	-	Washer	6
Slow Speed Cirouit	1200	-	-	1200	-	-	-	-	Assembly	
	1210	-	-	1210	-	-	-	-	Base	6,13
	1211	-	-	1211	-	-	-	-	X-Contaot	6
	1220	-	-	1220	-	-	-	-	Sorew 1211/1210	6

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	-	-	-	-	1201	-	1201	-	Set	
	-	-	-	-	1230	-	1230	-	Slow Speed Contaot Lever	
	-	-	-	-	1231	-	1231	-	Spring	
	-	-	-	-	1232	-	1232	-	Sorew	
	-	-	-	-	1233	-	1233	-	Stopper	
	-	-	-	-	1240	-	1240	-	Washer	
Safety Cirouit	1300	1300	-	1300	-	-	-	-	Assembly	
	-	-	-	-	1301	-	1301	-	Assembly	
	1310	1310	-	1310	-	-	-	-	Insulator Base	6
	-	-	-	-	1311	-	1311	-	Insulator Base	
	1312	1312	-	1312	1312	-	1312	-	Contaot	6
	1313	1313	-	1313	1313	-	1313	-	Contaot	6
	1314	1314	-	1314	-	-	-	-	Terminal	6
	-	-	-	-	1315	-	1315	-	Contaot	
	1320	1320	-	1320	1320	-	1320	-	Sorew 1312, 1313, 1314, 1315/1310, 1311×3	6
	1321	1321	-	1321	1321	-	1321	-	Sorew 1310, 1311/0630, 0631×2	6
Cirouit Seleotor	-	-	-	1400	1400	-	1400	-	Assembly	
	1410	-	-	1410	1410	-	1410	-	Insulator Base	7
	1411	-	-	1411	1411	-	1411	-	Contaot	7
	1420	-	-	1420	1420	-	1420	-	Sorew 1411/1410×2	7
	1421	-	-	1421	1421	-	1421	-	Sorew 1410/0610, 0611×2	7
Lead Wire	1500	1500	-	1500	1500	-	1500	-	Lead Wire	
Range-View Finder	2000	2000	2000	2000	2000	2000	2000	2000	Range View Finder (Assembly)	
	2100	2100	2100	2100	2100	2100	2100	2100	Range View Finder Optical System (Assembly)	9,10

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	2200	2200	2200	2200	2200	2200	2200	2200	Focusing Roller (Assembly)	9,11
	2310	2310	2310	2310	2310	2310	2310	2310	Washer	9
	2311	2311	2311	2311	2311	2311	2311	2311	Washer	9
	2320	2320	2320	2320	2320	2320	2320	2320	Sorew 2200/2100×3	9
	2321	2321	2321	2321	2321	2321	2321	2321	Sorew 2100/0310×2	9
	2322	2322	2322	2322	2322	2322	2322	2322	Sorew 2100/0310	9
Range-View Finder Optical System	2100	2100	2100	2100	2100	2100	2100	2100	Range View Finder Optical System (Assembly)	9,10
	2110	2110	2110	2110	2110	2110	2100	2110	Base Plate	10
	2111	2111	2111	2111	2111	2111	2111	2111	Braoket	10
	2112	2112	2112	2112	2112	2112	2112	2112	Prism Shaft	10
	2113	2113	2113	2113	2113	2113	2113	2113	Guide Sorew	10
	2114	2114	2114	2114	2114	2114	2114	2114	Click Stop Spring	10
	2115	2115	2115	2115	2115	2115	2115	2115	Spring for Prism	10
	2120	2120	2120	2120	2120	2120	2120	2120	Half Mirror Prism	10
	2121	2121	2121	2121	2121	2121	2121	2121	Prism Cover	10
	※2130	2130	2130	2130	2130	2130	2130	2130	Magnifying Lens Box (Assembly)	10,11
	⊙2150	2150	2150	2150	2150	2150	2150	2150	Moving Prism Arm (Assembly)	10,11
	2170	2170	2170	2170	2170	2170	2170	2170	Erector Prism	7,10
	2171	2171	2171	2171	2171	2171	2171	2171	Adapter Ring	7,10
	2180	2180	2180	2180	2180	2180	2180	2180	Washer	10
	2181	2181	2181	2181	2181	2181	2181	2181	Washer	10
	2182	2182	2182	2182	2182	2182	2182	2182	Washer	10
	2183	2183	2183	2183	2183	2183	2183	2183	Washer	10
	2184	2184	2184	2184	2184	2184	2184	2184	Washer	10
	2185	2185	2185	2185	2185	2185	2185	2185	Washer	10
	2190	2190	2190	2190	2190	2190	2190	2190	Sorew 2111/2110×2	10
	2191	2191	2191	2191	2191	2191	2191	2191	Sorew 2150/2112	10
	2192	2192	2192	2192	2192	2192	2192	2192	Sorew 1214; 2115/2110×4	10
	2193	2193	2193	2193	2193	2193	2193	2193	Sorew 2121/2110×3	10
	※2130	2130	2130	2130	2130	2130	2130	2130	Magnifying Lens Box (Assembly)	10,11
	2131	2131	2131	2131	2131	2131	2131	2131	Lens Box	11
	2132	2132	2132	2132	2132	2132	2132	2132	Base Disk	11
	2133	2133	2133	2133	2133	2133	2133	2133	Gear	11
	2134	2134	2134	2134	2134	2134	2134	2134	Magnifying Lens A	11
	2135	2135	2135	2135	2135	2135	2135	2135	Bezel	11
	2136	2136	2136	2136	2136	2136	2136	2136	Mask	11
	2137	2137	2137	2137	2137	2137	2137	2137	Magnifying Lens B	11
	2140	2140	2140	2140	2140	2140	2140	2140	Set Sorew 2133/2132	11

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	2200	2200	2200	2200	2200	2200	2200	2200	Focusing Roller (Assembly)	9,11
	2310	2310	2310	2310	2310	2310	2310	2310	Washer	9
	2311	2311	2311	2311	2311	2311	2311	2311	Washer	9
	2320	2320	2320	2320	2320	2320	2320	2320	Screw 2200/2100 3	9
	2321,	2321	2321	2321	2321	2321	2321	2321	Screw 2100/0310 × 2	9
	2322	2322	2322	2322	2322	2322	2322	2322	Screw 2100/0310	9
Range-View Finder Optical System	2100	2100	2100	2100	2100	2100	2100	2100	Range View Finder Optical System (Assembly)	9,10
	2100A	2I00A	2100A	2I00A	-	-	-	-	Range View Finder Otpical System (Assembly) (Improvement of 2100)	9A,10A
	2110	2110	2110	2110	2110	2110	2100	2110	Base Plate	10
	2110A	2110A	2110A	2110A	-	-	-	-	Base Plate (Improvement of 2100)	10A
	2111	2111	2111	2111	2111	2111	2111	2111	Braoket	10
	2112	2112	2112	2112	2112	2112	2112	2112	Prism Shaft	10
	2112A	2112A	2112A	2112A	-	-	-	-	Prims shaft (Improvement of 2112)	10A
	2113	2113	2113	2113	2113	2113	2113	2113	Guide Sorew	10
	2114	2114	2114	2114	2114	2114	2114	2114	Cliok Stop Spring	10
	2115	2115	2115	2115	2115	2115	2115	2115	Spring for Prism	10
	2I16	2116	2116	2116	-	-	-	-	spring (Additional)	10A
	2120	2120	2120	2120	2120	2120	2120	2120	Half Mirror Prism	10
	2121	2121	2121	2121	2121	2121	2121	2121	Prism Cover	10
	※2130	2130	2130	2130	2130	2130	2130	2130	Magnifying Lens Box (Assembly)	10,11
	⊙2150	2150	2150	2150	2150	2150	2150	2150	Moving Prism Arm (Assembly)	10,11
	2150A	2150A	2150A	2150A	-	-	-	-	Moving Prism Arm (Assembly) (Improvement of 2150)	10A,11A
	2170	2170	2170	2170	2170	2170	2170	2170	Erector Prism	7,10
	2171	2171	2171	2171	2171	2171	2171	2171	Adapter Ring	7,10
	2180	2180	2180	2180	2180	2180	2180	2180	Washer	10
	2181	2181	2181	2181	2181	2181	2181	2181	Washer	10
	2182	2182	2182	2182	2182	2182	2182	2182	Washer	10
	2183	2183	2183	2183	2183	2183	2183	2183	Washer	10
	2184	2184	2184	2184	2184	2184	2184	2184	Washer	10
	2185	2185	2185	2185	2185	2185	2185	2185	Washer	10
	2190	2190	2190	2190	2190	2190	2190	2190	Sorew 2111/2110 × 2	10
	2191	2191	2191	2191	2191	2191	2191	2191	Sorew 2150/2112	10
	2192	2192	2192	2192	2192	2192	2192	2192	Sorew 1214; 2115/2110 × 4	10
	2193	2193	2193	2193	2193	2193	2193	2193	Sorew 2121/2110 × 3	10
	※2130	2130	2130	2130	2130	2130	2130	2130	Magnifying Lens Box (Assembly)	10,11
	2131	2131	2131	2131	2131	2131	2131	2131	Lens Box	11
	2132	2132	2132	2132	2132	2132	2132	2132	Base Disk	11
	2133	2133	2133	2133	2133	2133	2133	2133	Gear	11
	2134	2134	2134	2134	2134	2134	2134	2134	Magnifying Lens A	11
	2135	2135	2135	2135	2135	2135	2135	2135	Bezel	11
	2136	2136	2136	2136	2136	2136	2136	2136	Mask	11
	2137	2137	2137	2137	2137	2137	2137	2137	Magnifying Lens B	11
	2140	2140	2140	2140	2140	2140	2140	2140	Set Sorew 2133/2132	11

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	2141	2141	2141	2141	2141	2141	2141	2141	Sorew 2133/2131×2	11
	2142	2142	2142	2142	2142	2142	2142	2142	Sorew 2133/2132	11
	⊙2150	2150	2150	2150	2150	2150	2150	2150	Moving Prism Arm (Assembly)	10,11
	2151	2151	2151	2151	2151	2151	2151	2151	Arm	11
	2152	2152	2152	2152	2152	2152	2152	2152	Lookplate Pin×2	11
	2153	2153	2153	2153	2153	2153	2153	2153	Prism Supporter	11
	2154	2154	2154	2154	2154	2154	2154	2154	Moving Prism	11
	2155	2155	2155	2155	2155	2155	2155	2155	Look Plate	11
	2156	2156	2156	2156	2156	2156	2156	2156	Adjusting Sorew	11
	2160	2160	2160	2160	2160	2160	2160	2160	Washer	11
	2165	2165	2165	2165	2165	2165	2165	2165	Look Sorew	11
	2166	2166	2166	2166	2166	2166	2166	2166	Sorew 2155/2152×2	11
Foousing Roller	2200	2200	2200	2200	2200	2200	2200	2200	Foousing Roller (Assembly)	9,11
	2210	2210	2210	2210	2210	2210	2210	2210	Range Finder Cam	11
	2211	2211	2211	2211	2211	2211	2211	2211	Foousing Roller	11
	2212	2212	2212	2212	2212	2212	2212	2212	Bearing	11
	2220	2220	2220	2220	2220	2220	2220	2220	Washer	11
	2221	2221	2221	2221	2221	2221	2221	2221	Washer	11
	2230	2230	2230	2230	2230	2230	2230	2230	Sorew 2211/2210	11
Take-up Shaft	3000	3000	3000	3000	3000	3000	-	-	Set	
	-	-	-	-	-	-	3001	3001	Set	
	※3010	3010	3010	3010	3010	3010	-	-	Winding Knob (Assembly)	14,15
	-	-	-	-	-	-	3030	3030	Winding Knob	
	⊙3040	3040	3040	3040	3040	3040	3040	3040	Spindle (Assembly)	14
	3060	3060	3060	3060	3060	3060	3060	3060	Bearing	14
	3061	3061	3061	3061	3061	3061	3061	3061	Collar	14
	3062	3062	3062	3062	3062	3062	3062	3062	Indicator Diso	14
	3063	3063	3063	3063	3063	3063	3063	3063	Spring	14
	3064	3064	3064	3064	3064	3064	3063	3064	Clutch Spring	14
	3065	3065	3065	3065	3065	3065	3065	3065	Retainer Ring	14
	3066	3066	3066	3066	3066	3066	3066	3066	Look Plate	14
	3070	3070	3070	3070	3070	3070	3070	3070	Washer	14

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	2141	2141	2141	2141	2141	2141	2141	2141	Sorew 2133/2131×2	11
	2142	2142	2142	2142	2142	2142	2142	2142	Sorew 2133/2132	11
	⊙2150	2150	2150	2150	2150	2150	2150	2150	Moving Prism Arm (Assembly)	10,11
	2150A	2150A	2150A	2150A	-	-	-	-	Moving Prism Arm (Assembly) (Improvement of 215o)	
	2151	2151	2151	2151	2151	2151	2151	2151	Arm	11
	2151A	2151A	2151A	2151A	-	-	-	-	Arm (Improvement of 2151)	11A
	2152	2152	2152	2152	2152	2152	2152	2152	Lookplate Pin×2	11
	2153	2153	2153	2153	2153	2153	2153	2153	Prism Supporter	11
	2154	2154	2154	2154	2154	2154	2154	2154	Moving Prism	11
	2155	2155	2155	2155	2155	2155	2155	2155	Look Plate	11
	2156	2156	2156	2156	2156	2156	2156	2156	Adjusting Sorew	11
	2157	2157	2157	2157	-	-	-	-	Prism Holder (Additional)	11A
	2158	2158	2158	2158	-	-	-	-	Set Sorew 2157/2160A ×2 (Additional)	11A
	2160	2160	2160	2160	2160	2160	2160	2160	Washer	11
	2160A	2160A	2160A	2160A	-	-	-	-	Washer (Improvement of 2160)	11A
	2165	2165	2165	2165	2165	2165	2165	2165	Look Sorew	11
	2166	2166	2166	2166	2166	2166	2166	2166	Sorew 2155/2152×2	11
	2167	2167	2167	2167	-	-	-	-	Sorew 2157/2151A (Additional)	11A
	2168	2168	2168	2168	-	-	-	-	Sorew 2157/2151A (Additional)	11A
Note: 2152, 2153, 2155, and 2166 were eliminated after the improvement.										
Foousing Roller	2200	2200	2200	2200	2200	2200	2200	2200	Foousing Roller (Assembly)	9,11
	2200A	2200A	2200A	2200A	-	-	-	-	Foousing Roller (Assembly) (Improvement of 2200)	9A,11A
	2210	2210	2210	2210	2210	2210	2210	2210	Range Finder Cam	11
	2210A	2210A	2210A	2210A	-	-	-	-	Range Finder Cam (Improvement of 2210)	11A
	2211	2211	2211	2211	2211	2211	2211	2211	Foousing Roller	11
	2212	2212	2212	2212	2212	2212	2212	2212	Bearing	11
	2212A	2212A	2212A	2212A	-	-	-	-	Bearing (Improvement of 2212)	11A
	2220	2220	2220	2220	2220	2220	2220	2220	Washer	11
	2221	2221	2221	2221	2221	2221	2221	2221	Washer	11
	2230	2230	2230	2230	2230	2230	2230	2230	Sorew 2211/2210	11
Take-up Shaft	3000	3000	3000	3000	3000	3000	-	-	Set	
	-	-	-	-	-	-	3001	3001	Set	
	✱3010	3010	3010	3010	3010	3010	-	-	Winding Knob (Assembly)	14.15
	-	-	-	-	-	-	3030	3030	Winding Knob	
	⊙3040	3040	3040	3040	3040	3040	3040	3040	Spindle (Assembly)	14
	3060	3060	3060	3060	3060	3060	3060	3060	Bearing	14
	3061	3061	3061	3061	3061	3061	3061	3061	Collar	14
	3062	3062	3062	3062	3062	3062	3062	3062	Indioator Diso	14
	3063	3063	3063	3063	3063	3063	3063	3063	Spring	14
	3064	3064	3064	3064	3064	3064	3063	3064	Clutoh Spring	14
	3065	3065	3065	3065	3065	3065	3065	3065	Retainer Ring	14
	3066	3066	3066	3066	3066	3066	3066	3066	Look Plate	14
	3070	3070	3070	3070	3070	3070	3070	3070	Washer	14

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	3080	3080	3080	3080	3080	3080	3080	3080	Sorew 3060/0310×3	14
	3081	3081	3081	3081	3081	3081	3081	3081	Sorew 3064/0310×2	14
	*3010	3010	3010	3010	3010	3010	-	-	Winding Knob (Assembly)	14,15
	3011	3011	3011	3011	3011	3011	-	-	Winding Knob	15
	3012	3012	3012	3012	3012	3012	-	-	Film Speed Dial	15
	3013	3013	3013	3013	3013	3013	-	-	Stud	15
	3014	3014	3014	3014	3014	3014	-	-	Cliok Stop Spring	15
	3015	3015	3015	3015	3015	3015	-	-	Steel Ball	15
	3016	3016	3016	3016	3016	3016	-	-	Spring	15
	3017	3017	3017	3017	3017	3017	-	-	Sorew	15
	3020	3020	3020	3020	3020	3020	-	-	Washer	15
	3021	3021	3021	3021	3021	3021	-	-	Washer	15
	3025	3025	3025	3025	3025	3025	-	-	Set Sorew 3011/3041	15
	3026	3026	3026	3026	3026	3026	-	-	Sorew 3013/3011×3	15
	3027	3027	3027	3027	3027	3027	-	-	Sorew 3014/3013×2	15
	⊙3040	3040	3040	3040	3040	3040	3040	3040	Spindle (Assembly)	14
	3041	3041	3041	3041	3041	3041	3041	3041	Take-up Shaft	14
	3042	3042	3042	3042	3042	3042	3042	3042	Spool Holder	14
	3043	3043	3043	3043	3043	3043	3043	3043	Spring	14
	3044	3044	3044	3044	3044	3044	3044	3044	Nut	14
	3050	3050	3050	3050	3050	3050	3050	3050	Washer	14
Idler Gear	3100	3100	3100	3100	3100	3100	3100	3100	Set	
	3110	3110	3110	3110	3110	3110	3110	3110	Idler Gear	14
	3111	3111	3111	3111	3111	3111	3111	3111	Gear Shaft	14
	3120	3120	3120	3120	3120	3120	3130	3120	Washer	14
	3200	3200	3200	3200	3200	3200	3200	3200	Set	

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	3210	3210	3210	3210	3210	3210	3210	3210	Clutch Gear	14
	3211	3211	3211	3211	3211	3211	3211	3211	Spring	14
	3212	3212	3212	3212	3212	4212	3212	3212	Flange	14
	3213	3213	3213	3213	3213	3213	3213	3213	Coupling Sleeve	14
	3220	3220	3220	3220	3220	3220	3220	3220	Washer	14
	3221	3221	3221	3221	3221	3221	3221	3221	Washer	14
	3230	3230	3230	3230	3230	3230	3230	3230	Screw	14
Reversing Lever	3300	3300	3300	3300	3300	3300	3300	3300	Set	
	3310	3310	3310	3310	3310	3310	3310	3310	Cam Shaft	16
	3311	3311	3311	3311	3311	3311	3311	3311	Reversing Lever	7,16
	3312	3312	3312	3312	3312	3312	3312	3312	Spring	16
	3313	3313	3313	3313	3313	3313	3313	3313	Cam	16
	3320	3320	3320	3320	3320	3320	3320	3320	Washer	16
	3330	3330	3330	3330	3330	3330	3330	3330	Screw 3311/3310	7,16
	3331	3331	3331	3331	3331	3331	3331	3331	Screw 3310, 3313/0310	16
Sprocket Shaft	3400	3400	3400	3400	3400	3400	-	-	Set	
	-	-	-	-	-	-	3401	3401	Set	
	3410	3410	3410	3410	3410	3410	3410	3410	Bearing	16
	3411	3411	3411	3411	3411	3411	3411	3411	Sprocket Gear	16
	3412	3412	3412	3412	3412	3412	3412	3412	Nut	16
	3413	3413	3413	3413	3413	3413	3413	3413	Sprocket	16
	3414	3414	3414	3414	3414	3414	3414	3414	Sprocket Shaft	16
	3415	3415	3415	3415	3415	3415	3415	3415	Screw Key	16
	3416	3416	3416	3416	3416	3416	3416	3416	Shutter Gear	16
	3417	3417	3417	3417	3417	3417	3417	3417	Nut	16
	3418	3418	3418	3418	3418	3418	3418	3418	Release Knob	16
	3419	3419	3419	3419	3419	3419	-	-	Collar	16
	-	-	-	-	-	-	3420	3420	Collar	
	3430	3430	3430	3430	3430	3430	3430	3430	Washer	16
	3431	3431	3431	3431	3431	3431	3431	3431	Washer	16
	3440	3440	3440	3440	3440	3440	3440	3440	Set Screw 3412/3410	16
	3441	3441	3441	3441	3441	3441	3441	3441	Set Screw 3417/3414	16
	3442	3442	3442	3442	3442	3442	3442	3442	Screw 3410/0310×3	16
	3443	3443	3443	3443	3443	3443	3443	3443	Screw 3413/3411	16

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
Rewinding Shaft &	3500	3500	3500	3500	3500	3500	-	-	Set	
Magnifying Lever	-	-	-	-	-	-	3501	3501	Set	
	3510	3510	3510	3510	3510	3510	3510	3510	Magazine Stopper	9
	3511	3511	3511	3511	3511	3511	3511	3511	Bearing	9
	3512	3512	3512	3512	3512	3512	3512	3512	Spring	9
	3513	3513	3513	3513	3513	3513	3513	3513	Clutch Fork	9
	3514	3514	3514	3514	3514	3514	3514	3514	Sector	9
	3515	3515	3515	3515	3515	3515	3515	3515	Magnifying Lever	7. 9
	3516	3516	3516	3516	3516	3516	3516	3516	Nut	7, 9
	3517	3517	3517	3517	3517	3517	3517	3517	Shaft Collar	7, 9
	3518	3518	3518	3518	3518	3518	3518	3518	Sorew Key	7, 9
	3519	3519	3519	3519	3519	3519	3519	3519	Rewinding Shaft	7, 9
	3520	3520	3520	3520	3520	3520	-	-	Rewinding Knob	7, 9
	-	-	-	-	-	-	3521	3521	Rewinding Knob	
	3530	3530	3630	3530	3530	3530	3530	3530	Washer	9
	3531	3531	3531	3531	3531	3531	3531	3531	Washer	9
	3532	3532	3532	3532	3532	3532	3532	3532	Washer	9
	3540	3540	3540	3540	3540	3540	3540	3540	Sorew 3510, 3511/0310×3	9
Shutter Drum Shaft	-	-	-	4000	4000	4000	4000	4000	Set	
	4001	4001	4001	-	-	-	-	-	Set	
	4010	4010	4010	4010	4010	4010	4010	4010	Bearing	17
	4011	4011	4011	4011	4011	4011	4011	4011	Sleeve Bearing	17
	4012	4012	4012	4012	4012	4012	4012	4012	Nut	17
	4013	4013	4013	4013	4013	4013	4013	4013	Eocentric	17
	4020	4020	4020	4020	4020	4020	4020	4020	Shutter Drum	17
	-	-	-	4030	4030	4030	4030	4030	High Speed Dial	7,12,17
	4031	4031	4031	-	-	-	-	-	High Speed Dial	
	-	-	-	4032	4032	4032	4032	4032	Shutter Speed Change Diso	12,17
	4033	4033	4033	-	-	-	-	-	Shutter Speed Change Diso	
	4034	4034	4034	4034	4034	4034	4034	4034	2nd Curtain Release Arm	12,17
	4035	4035	4035	4035	4035	4035	4035	4035	Spring	12,17
	4036	4036	4036	4036	4036	4036	4036	4036	Sorew	12,17
	4040	4040	-	4040	4040	-	4040	-	Turning Diso	13,17
	-	-	4041	-	-	4041	-	4041	Turning Diso	
	4050	4050	4050	4050	4050	4050	4050	4050	Washer	17
	4051	4051	4051	4051	4051	4051	4051	4051	Washer	17
	4052	4052	4052	4052	4052	4052	4052	4052	Washer	12,17
	4053	4053	4053	4053	4053	4053	4053	4053	Washer	13,17
	4054	4054	4054	4054	4054	4054	4054	4054	Washer	13,17
	4060	4060	4060	4060	4060	4060	4060	4060	Set Sorew 4013/4011	17
	4061	4061	4061	4061	4061	4061	4061	4061	Set Sorew 4030/4034×3	7,12,17

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
Rewinding Shaft & Magnifying Lever	3500	3500	3500	3500	3500	3500	–	–	Set	
	–	–	–	–	–	–	3501	3501	Set	
	3510	3510	3510	3510	3510	3510	3510	3510	Magazine Stopper	9
	3511	3511	3511	3511	3511	3511	3511	3511	Bearing	9
	3512	3512	3512	3512	3512	3512	3512	3512	Spring	9
	3513	3513	3513	3513	3513	3513	3513	3513	Clutoh Fork	9
	3514	3514	3514	3514	3514	3514	3514	3514	Seotor	9
	3515	3515	3515	3515	3515	3515	3515	3515	Magnifying Lever	7, 9
	3516	3516	3516	3516	3516	3516	3516	3516	Nut	7, 9
	3517	3517	3517	3517	3517	3517	3517	3517	Shaft Collar	7, 9
	3518	3518	3518	3518	3518	3518	3518	3518	Sorew Key	7, 9
	3519	3519	3519	3519	3519	3519	3519	3519	Rewinding Shaft	7, 9
	3520	3520	3520	3520	3520	3520	–	–	Rewinding Knob	7, 9
	–	–	–	–	–	–	3521	3521	Rewinding Knob	
	3530	3530	3630	3530	3530	3530	3530	3530	Washer	9
	3531	3531	3531	3531	3531	3531	3531	3531	Washer	9
	3532	3532	3532	3532	3532	3532	3532	3532	Washer	9
	3540	3540	3540	3540	3540	3540	3540	3540	Sorew 3510, 3511/0310×3	9
Shutter Drum Shaft	–	–	–	4000	4000	4000	4000	4000	Set (1.7mm Set Sorew)	
	4001	4001	4001	–	–	–	–	–	Set (1.7mm Set Sorew)	
	–	–	–	4000A	–	–	–	–	Set (2mm Set Sorew) (Improvement of 4000)	
	4001A	4001A	4001A	–	–	–	–	–	Set (2mm Set Sorew) (Improvement of 4001)	
	4010	4010	4010	4010	4010	4010	4010	4010	Bearing	17
	4011	4011	4011	4011	4011	4011	4011	4011	Sleeve Bearing	17
	4012	4012	4012	4012	4012	4012	4012	4012	Nut	17
	4013	4013	4013	4013	4013	4013	4013	4013	Eooentrio	17
	4020	4020	4020	4020	4020	4020	4020	4020	Shutter Drum	17
	–	–	–	4030	4030	4030	4030	4030	High Speed Dial (1.7mm Set Sorew)	7,12,17
	–	–	–	4030A	–	–	–	–	High Seed Dial (2mm Set Sorew) (Improvement of 4030)	7A,12A,17A
	4031	4031	4031	–	–	–	–	–	High Speed Dial (1.7mm Set Sorew	
	4031A	4031A	4031A	4031A	–	–	–	–	High Speed Dial (2mm Set Sorew) (Improvement of 4031)	
	–	–	–	4032	4032	4032	4032	4032	Shutter Speed Change Diso	12,17
	4033	4033	4033	–	–	–	–	–	Shutter Speed Change Diso	
	4034	4034	4034	4034	4034	4034	4034	4034	2nd Curtain Release Arm	12,17
	4035	4035	4035	4035	4035	4035	4035	4035	Spring	12,17
	4036	4036	4036	4036	4036	4036	4036	4036	Sorew	12,17
	4040	4040	–	4040	4040	–	4040	–	Turning Diso	13,17
	–	–	4041	–	–	4041	–	4041	Turning Diso	
	4050	4050	4050	4050	4050	4050	4050	4050	Washer	17
	4051	4051	4051	4051	4051	4051	4051	4051	Washer	17
	4052	4052	4052	4052	4052	4052	4052	4052	Washer	12,17
	4053	4053	4053	4053	4053	4053	4053	4053	Washer	13,17
	4054	4054	4054	4054	4054	4054	4054	4054	Washer	13,17
	4060	4060	4060	4060	4060	4060	4060	4060	Set Sorew 4013/4011	17
	4061	4061	4061	4061	4061	4061	4061	4061	Set Sorew 4030/4034×3 (1.7mm)	7,12,17
	4061A	4061A	4061A	4061A	–	–	–	–	Set sorew 4030A, 4031A/4034×3 (2mm)	7A,12A,17A

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	4062	4062	4062	4062	4062	4062	4062	4062	Sorew 4010/0310×3	17,17
	4063	4063	4063	4063	4063	4063	4063	4063	Sorew 4032/4020	12,17
	4064	4064	4064	4064	4064	4064	4064	4064	Sorew 4040/4020	13,17
Shutter Spring Shaft	4100	4100	4110	4100	4100	4100	4100	4100	Set	
	※4110	4110	4110	4110	4110	4110	4110	4110	Shutter Spring Shaft of 1st Curtain (Assembly)	19
	⊙4120	4120	4120	4120	4120	4120	4120	4120	Shutter Spring Shaft of 2nd Curtain (Assembly)	19
	4130	4130	4130	4130	4130	4130	4130	4130	Upper Idler Roller	19
	4131	4131	4131	4131	4131	4131	4131	4131	Lower Idler Roller	19
	4132	4132	4132	4132	4132	4132	4132	4132	Spring Tension Adjust Ratohet Nut×2	13
	4133	4133	4133	4133	4133	4133	4133	4133	Claw	13
	4134	4134	4134	4134	4134	4134	4134	4134	Claw	13
	4135	4135	4135	4135	4135	4135	4135	4135	Claw Shaft	13
	4140	4140	4140	4140	4140	4140	4140	4140	Washer	13
	※4110	4110	4110	4110	4110	4110	4110	4110	Shutter Spring Shaft of 1st Curtain (Assembly)	19
	4111	4111	4111	4111	4111	4111	4111	4111	Spring Shaft	19
	4112	4112	4112	4112	4112	4112	4112	4112	Curtain Roller	19
	4113	4113	4113	4113	4113	4113	4113	4113	Assemble Nut	19
	⊙4120	4120	4120	4120	4120	4120	4120	4120	Shutter Spring Shaft of 2nd Curtain (Assembly)	19
	4121	4121	4121	4121	4121	4121	4121	4121	Spring Shaft	19
	4122	4122	4122	4122	4122	4122	4122	4122	Curtain Roller	19
	4123	4123	4123	4123	4123	4123	4123	4123	Assemble Nut	19
Shutter Clamp Device	4200	4200	4200	4200	4200	4200	4200	4200	Set	
	4201	4201	4201	-	-	-	-	-	Set	

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	4062	4062	4062	4062	4062	4062	4062	4062	Sorew 4010/0310×3	17,17
	4063	4063	4063	4063	4063	4063	4063	4063	Sorew 4032/4020	12,17
	4064	4064	4064	4064	4064	4064	4064	4064	Sorew 4040/4020	13,17
Shutter Spring Shaft	4100	4100	4110	4100	4100	4100	4100	4100	Set for Die Cast Pioture Frame	
	-	-	-	-	4101	4101	4101	4101	Set for Brass Plate Pioture Frame	
	✱4110	4110	4110	4110	4110	4110	4110	4110	Shutter Spring Shaft of 1st Curtain (Assembly)	19
	⊙4120	4120	4120	4120	4120	4120	4120	4120	Shutter Spring Shaft of 2nd Curtain (Assembly)	19
	4130	4130	4130	4130	4130	4130	4130	4130	Upper Idler Roller	19
	4131	4131	4131	4131	4131	4131	4131	4131	Lower Idler Roller	19
	4132	4132	4132	4132	4132	4132	4132	4132	Spring Tension Adjust Ratohet Nut×2	13
	4133	4133	4133	4133	4133	4133	4133	4133	Claw	13
	4134	4134	4134	4134	4134	4134	4134	4134	Claw	13
	4135	4135	4135	4135	4135	4135	4135	4135	Claw Shaft for D.C.P.F.*	13
	-	-	-	-	4136	4136	4136	4136	Claw Shaft for B.P.P.F.**	
	4140	4140	4140	4140	4140	4140	4140	4140	Washer	13
Note: 4101 and 4136 were added but not the Improvement										
	✱4110	4110	4110	4110	4110	4110	4110	4110	Shutter Spring Shaft of 1st Curtain (Assembly)	19
	4111	4111	4111	4111	4111	4111	4111	4111	Spring Shaft	19
	4112	4112	4112	4112	4112	4112	4112	4112	Curtain Roller	19
	4113	4113	4113	4113	4113	4113	4113	4113	Assemble Nut	19
	⊙4120	4120	4120	4120	4120	4120	4120	4120	Shutter Spring Shaft of 2nd Curtain (Assembly)	19
	4121	4121	4121	4121	4121	4121	4121	4121	Spring Shaft	19
	4122	4122	4122	4122	4122	4122	4122	4122	Curtain Roller	19
	4123	4123	4123	4123	4123	4123	4123	4123	Assemble Nut	19
Shutter Clamp Devioe	4200	4200	4200	4200	4200	4200	4200	4200	Set	
	4201	4201	4201	-	-	-	-	-	Set	

* Die Cast Picture Frame
** Brass Plate Picture Frame

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	4210	4210	4210	4210	4210	4210	4210	4210	Idler Gear	18
	4211	4211	4211	4211	4211	4211	4211	4211	Gear Shaft	18
	4212	4212	4212	4212	4212	4212	4212	4212	Nut	18
	4213	4213	4213	4213	4213	4213	4213	4213	Stopper	18
	-	-	-	4220	4220	4220	4220	4220	Shutter Clamp Lever	18
	-	-	-	4221	4221	4221	4221	4221	Spring	18
	-	-	-	4222	4222	4222	4222	4222	Lever Shaft	18
	-	-	-	4230	4230	4230	4230	4230	Shutter Release Shaft	18
	-	-	-	4231	4231	4231	4231	4231	Spring	18
	-	-	-	4232	4232	4232	4232	4232	Braoket	18
	4240	4240	4240	4240	4240	4240	4240	4240	Brake Lever	18
	4241	4241	4241	4241	4241	4241	4241	4241	Spring	18
	4242	4242	4242	4242	4242	4242	4242	4242	Lever Shaft	18
	4250	4250	4250	4250	4250	4250	4250	4250	Washer	18
	-	-	-	4251	4251	4251	4251	4251	Washer	18
	-	-	-	4260	4260	4260	4260	4260	Sorew 4232/0630×2	18
2nd Curtain Clamp	-	-	-	4300	-	-	-	-	Set	
Lever & Rewinding	4301	-	-	-	-	-	-	-	Set	
Safety Device	-	4302	4302	-	4302	4302	4302	4302	Set	
	-	-	-	4310	4310	4310	4310	4310	2nd Curtain Clamp Lever for 1/1000	12
	4314	4314	4314	-	-	-	-	-	2nd Curtain Clamp Lever for 1/500	
	4311	4311	4311	4311	4311	4311	4311	4311	Spring	12
	4312	4312	4312	4312	4312	4312	4312	4312	Stopper	12
	4313	4313	4313	4313	4313	4313	4313	4313	Plate Spring	6,13
	4320	4320	4320	4320	4320	4320	4320	4320	Safety Device Lever	12
	4321	4321	4321	4321	4321	4321	4321	4321	Spring	12
	4322	4322	4322	4322	4322	4322	4322	4322	Lever Shaft	12
	4330	4330	4330	4330	4330	4330	4330	4330	Washer	12
	4331	4331	4331	4331	4331	4331	4331	4331	Washer	12
	4340	4340	4340	4340	4340	4340	4340	4340	Sorew 4311/0351	12
	4341	-	-	4341	-	-	-	-	Sorew 1210, 4313/0630×2	6,13
	-	4342	4342	-	4342	4342	4342	4342	Sorew 4313/0630	
Slow Shutter	4400	4400	4400	4400	4400	4400	4400	4400	Slow Timer (Assembly)	12
	4410	-	-	4410	-	-	-	-	Slow Speed Dial (Assembly)	4
	-	-	-	-	4411	-	4411	-	Slow Speed Dial (Assembly)	

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	4412	4412	4412	-	-	4412	-	4412	Slow Speed Dial (Assembly)	
	4420	-	-	4420	-	-	-	-	Slow Speed Dial	4
	-	4421	-	4421	4421	4421	4421	4421	Slow Speed Dial	
	4422	-	-	4422	-	-	-	-	Click Stop Spring	4
	-	4423	4423	-	4423	4423	4423	4423	Click Stop Spring	
	4424	-	-	4424	-	-	-	-	Baseplate	4
	-	4425	4425	-	4425	4425	4425	4425	Baseplate	
	4426	4426	4426	4426	4426	4426	4426	4426	Washer	4
	4427	4427	4427	4427	4427	4427	4427	4427	Knob	4
	4428	4428	4428	4428	4428	4428	4428	4428	Nut	4
	4429	4429	4429	4429	4429	4429	4429	4429	Pin	4
	※4430	-	-	4430	4430	-	4430	-	Slow Shutter Cam (Assembly)	4
	-	4431	4431	-	-	4431	-	4431	Slow Shutter Cam (Assembly)	
	4440	4440	4440	4440	4440	4440	4440	4440	Washer	4
	4450	4450	4450	4450	4450	4450	4450	4450	Set Screw 4427/4420, 4421	4
	4451	4451	4451	4451	4451	4451	4451	4451	Screw 4427, 4425/0010, 0011, 0012, 0013×3	4
	※4430	-	4430	4430	4430	4430	4430	4430	Slow Shutter Cam (Assembly)	4
	-	4431	4431	-	-	4431	-	4431	Slow Shutter Cam (Assembly)	
	4432	-	-	4432	4432	-	4432	-	Cam	4
	-	4433	4433	-	-	4433	-	4433	Cam	
	4434	4434	4434	4434	4434	4434	4434	4434	Sleeve	4
	4435	4435	4435	4435	4435	4435	4435	4435	Nut	4
	4436	4436	4436	4436	4436	4436	4436	4436	Screw	4
	4460	4460	4460	4460	4460	4460	4460	4460	Set	
	4461	4461	4461	4461	4461	4461	4461	4461	Slow Timing Shaft	12
	4462	4462	4462	4462	4462	4462	4462	4462	Nut	12
	4463	4463	4463	4463	4463	4463	4463	4463	Lever	12
	4464	4464	4464	4464	4464	4464	4464	4464	Bearing	12
	4465	4465	4465	4465	4465	4465	4465	4465	Spring	12
	4466	4466	4466	4466	4466	4466	4466	4466	Nut	12
	4467	4467	4467	4467	4467	4467	4467	4467	Plate Spring	12
	4468	4468	4468	4468	4468	4468	4468	4468	Stopper	12
	4470	4470	4470	4470	4470	4470	4470	4470	Washer×2	12
	4480	4480	4480	4430	4480	4480	4480	4480	Screw 4464/0310	12
	4481	4481	4481	4481	4481	4481	4481	4481	Screw 4467/0630	12

NOMENCLATURE	II-S	II-F	II-D	IV-S2	IV-S	III-A	IV	III	DESCRIPTION	DIAGRAM SHEET NO.
	4482	4482	4482	4482	4482	4482	4482	4482	Screw 4400, 4467/0630	12
	4483	4483	4483	4483	4483	4483	4483	4483	Screw 4400/0630	12
Shutter Curtain	4500	4511	4511	4500	4500	4500	4500	4500	Shutter Curtain (Set)	
	4510	4500	4500	4510	4510	4510	4510	4510	1st Shutter Curtain	19
	4511	4510	4510	4511	4511	4511	4511	4511	2nd Shutter Curtain	19

This manual deals with the method of repairing and servicing Canon Camera with Body Serial Numbers of 200,000 and above. With a number of improvements embodied in their internal mechanisms, these Canon Cameras contain numerous new parts as well as constructional changes. This volume illustrates these changes and gives a list of parts.
Some of the major improvements as compared with Canon Cameras having Body Serial Numbers below 200,000 are as follows:

1. Shutter speed of 1/15 sec. added.
2. Shutter speed series rationalized.
3. High Speed Shutter Dial improved.
4. Flash Synchronizer improved.
5. Range-view finder brighten.
6. Indicator for loaded film length (exposures).

Note: To unbind this manual, press the both levers of the binder with a twist; to close the binder just exert pressure on it.

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Section II

CAMERA MODELS AND PARTS LIST

TECHNICAL DEPARTMENT
CANON CAMERA COMPANY, INC.
TOKYO, JAPAN

Section I

EXPLODED VIEW
of
CANON CAMERA BODY, MODEL IV-S2
with SERIAL NUMBER ABOVE 200,000

These diagrams show you the correct procedure for disassembling and assembling the Canon Camera Body. They also indicate parts numbers.

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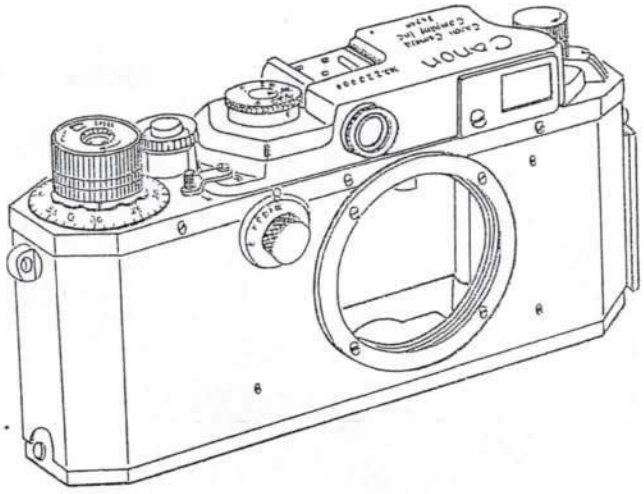
EXPLODED VIEW

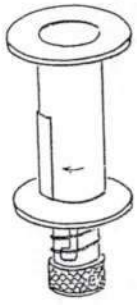
of

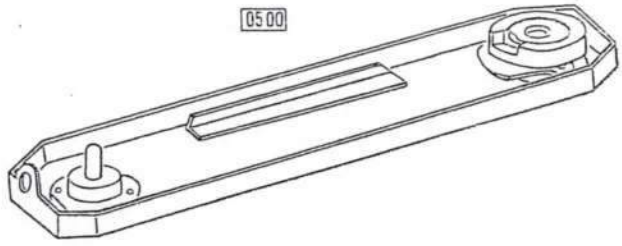
CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000

SHEET No. 1







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CANON CAMERA CO., INC.

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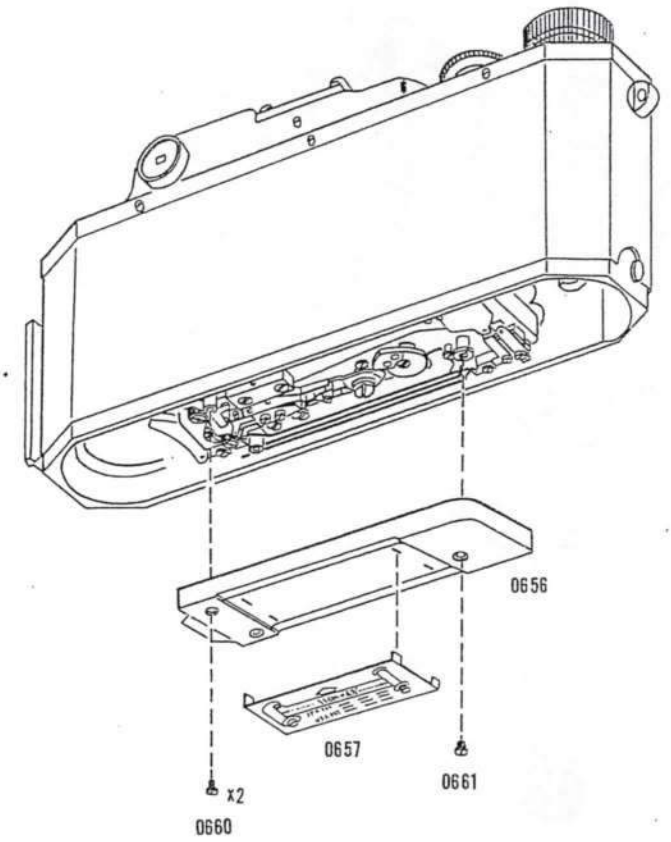
EXPLODED VIEW

SHEET No. 2

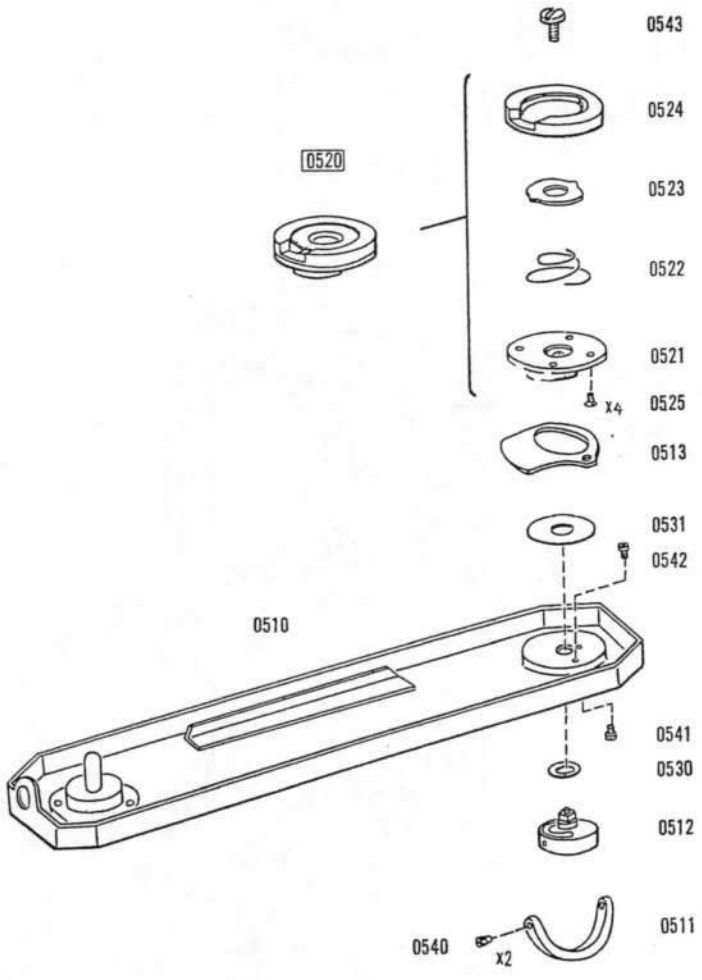
of

CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000



EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2
WITH SERIAL NUMBER ABOVE 200,000



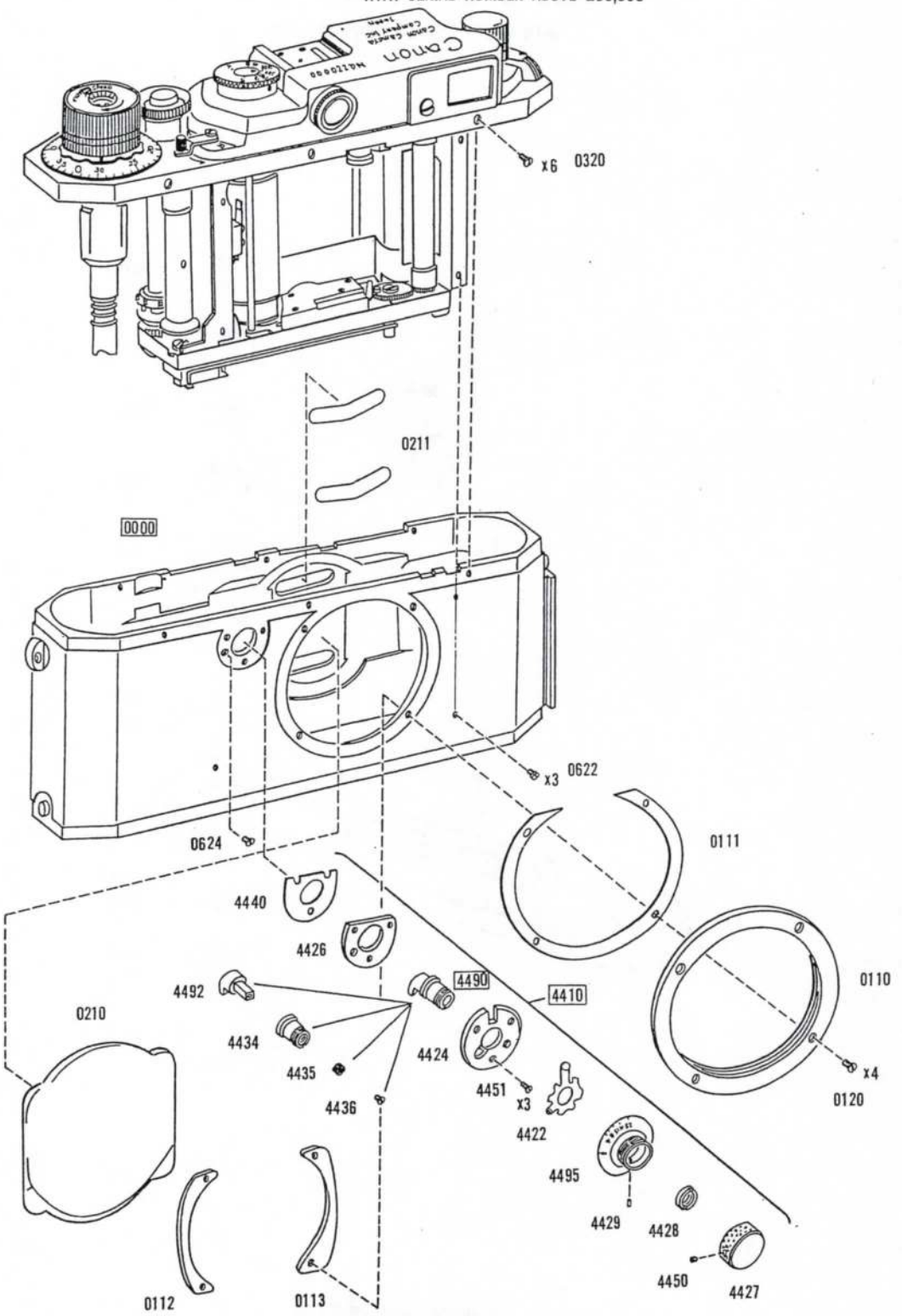
EXPLODED VIEW

SHEET No. 4

of

CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000



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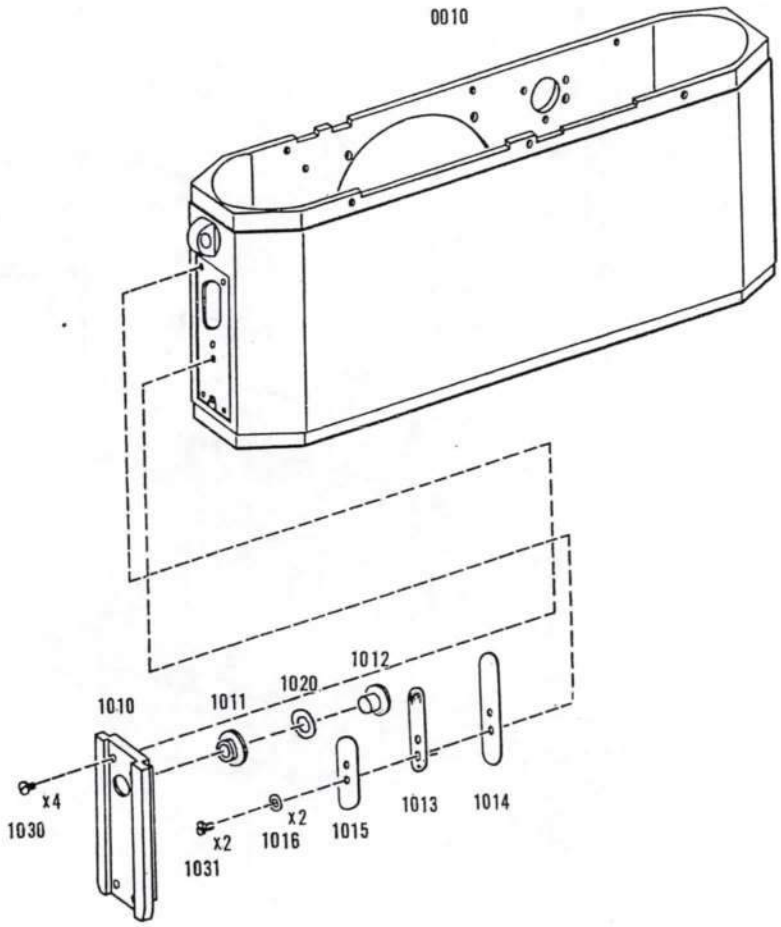
EXPLODED VIEW

SHEET No. 5

of

CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000



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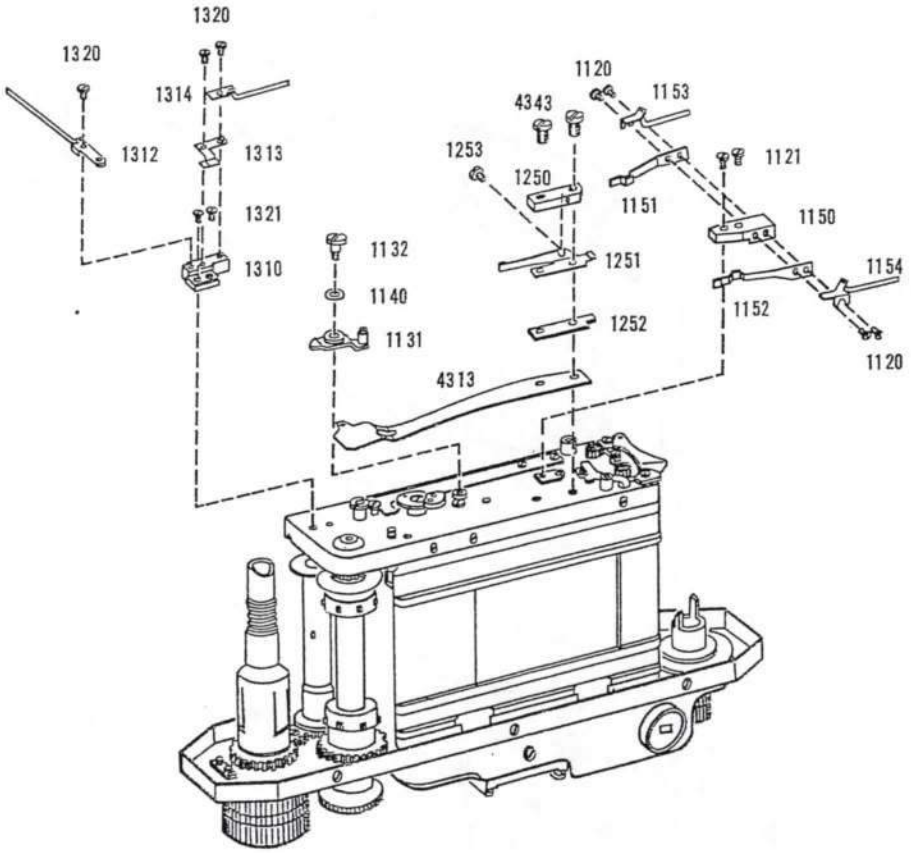


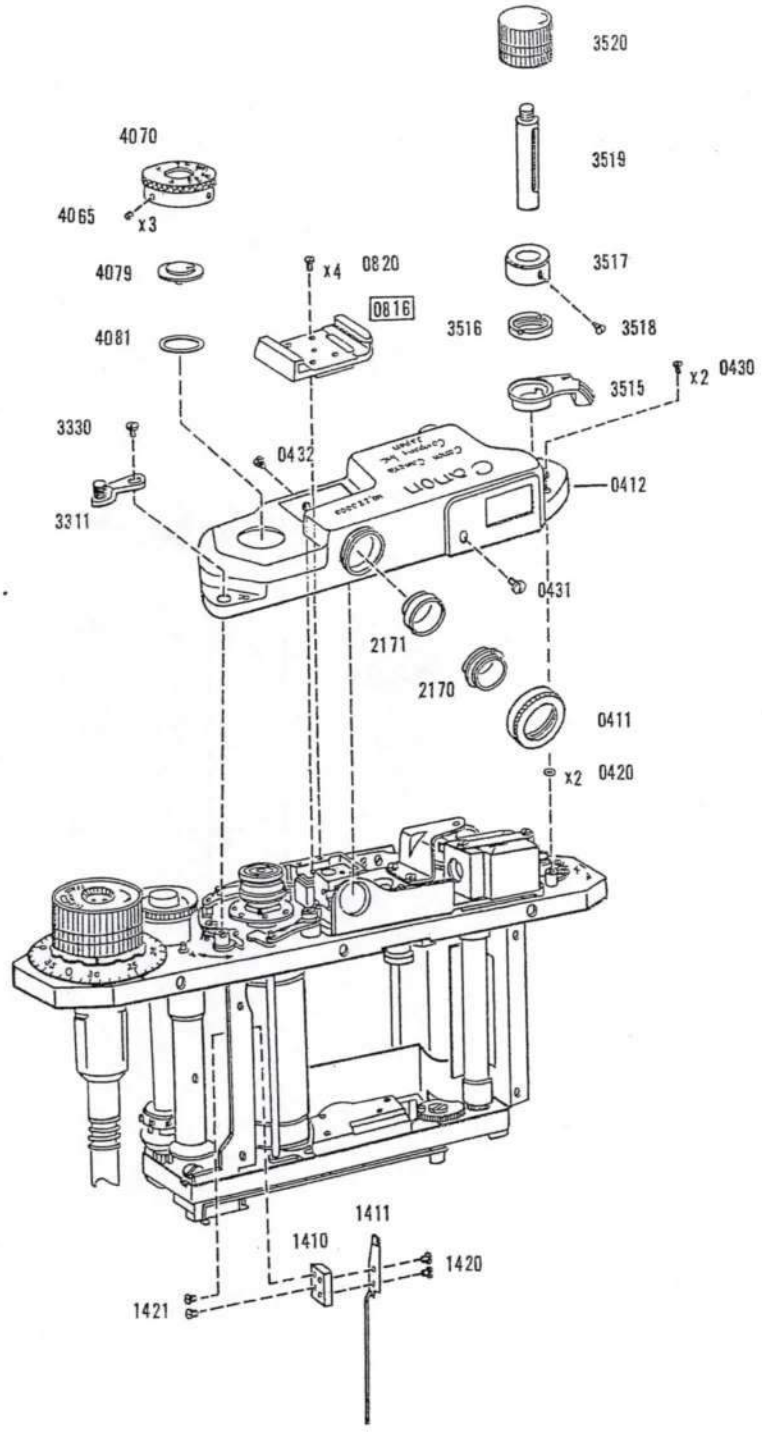
EXPLODED VIEW

of

CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000

SHEET No. 7



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EXPLODED VIEW

SHEET No. 8

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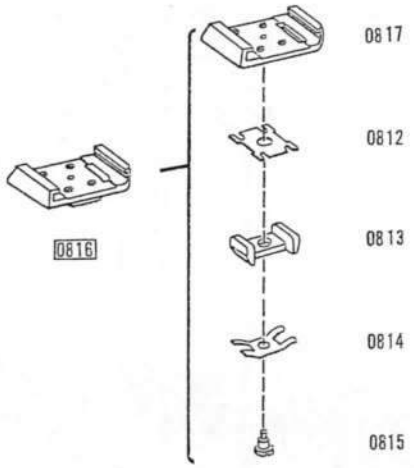

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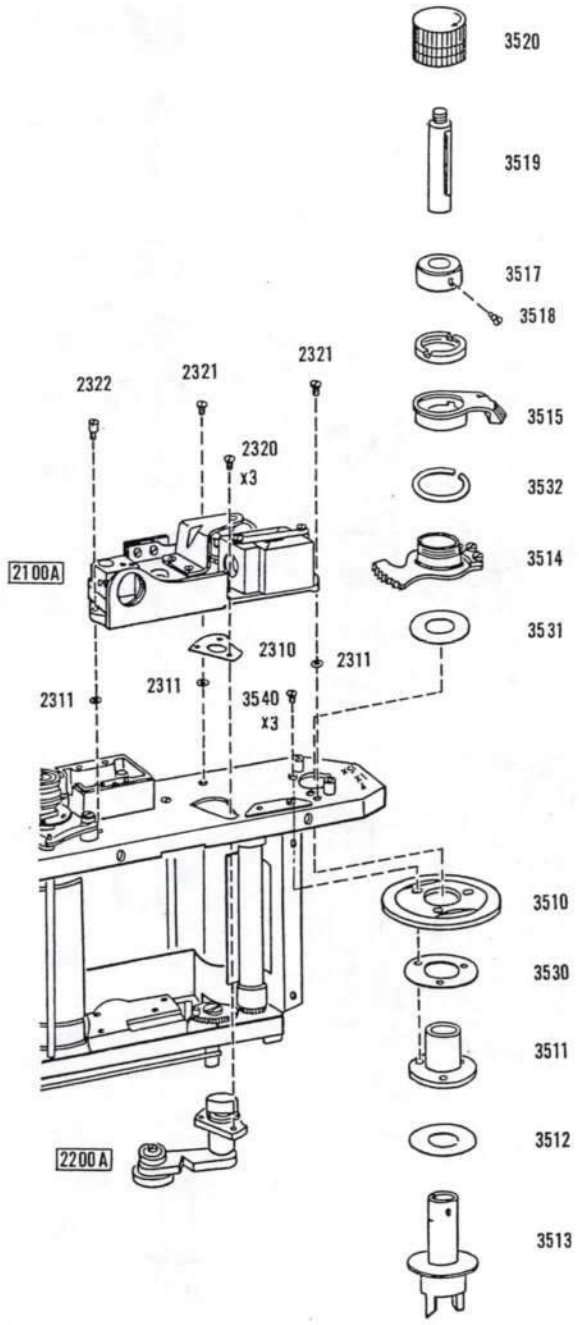

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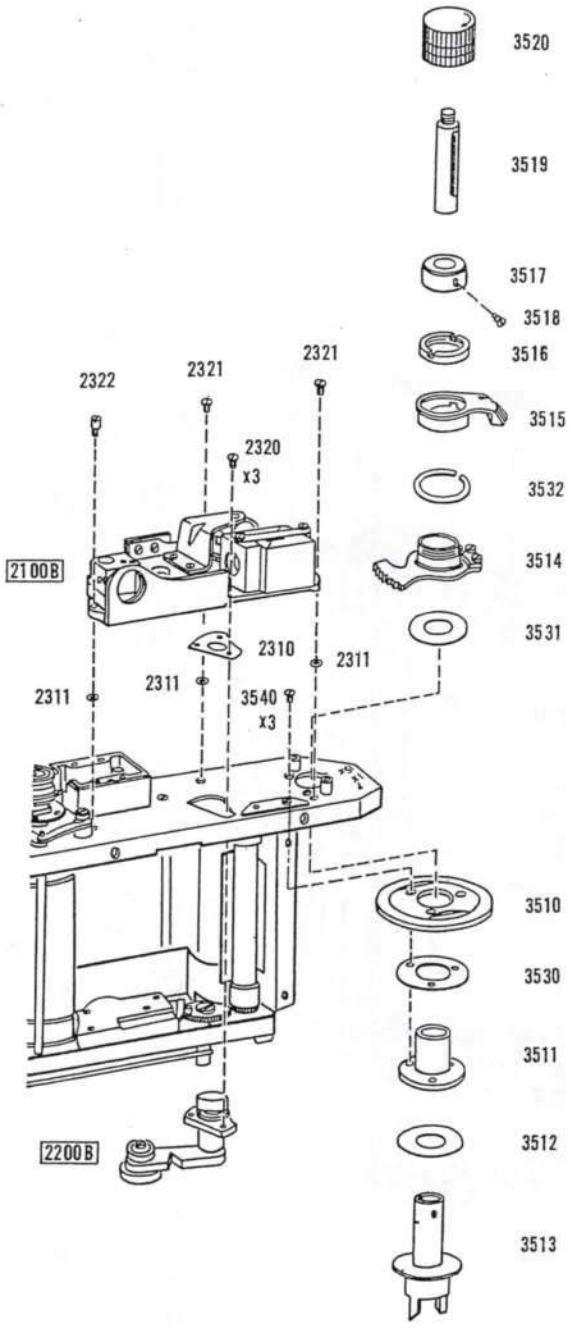

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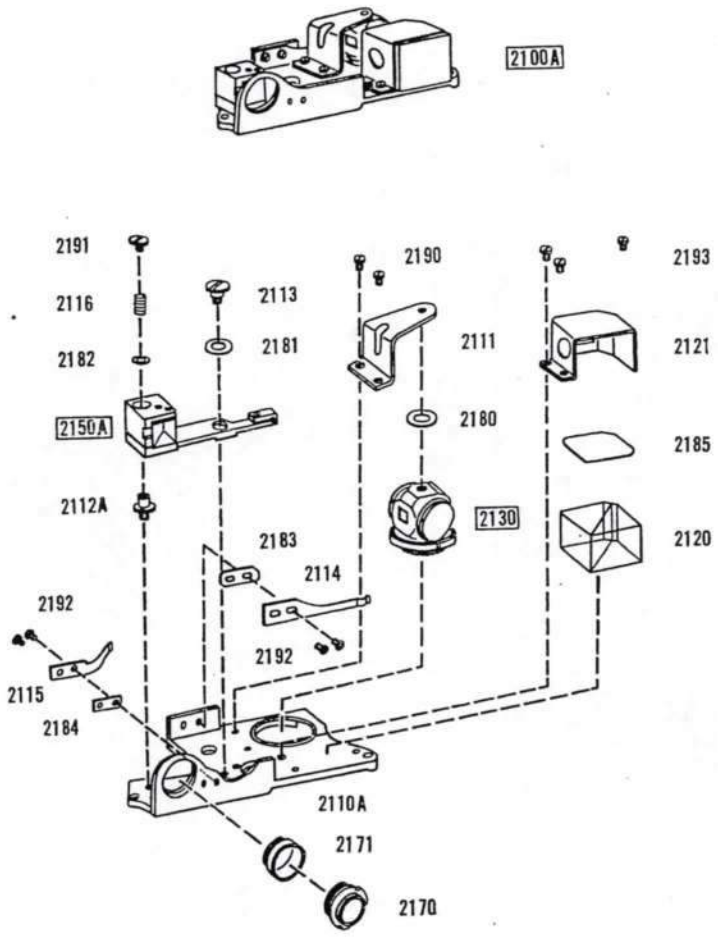

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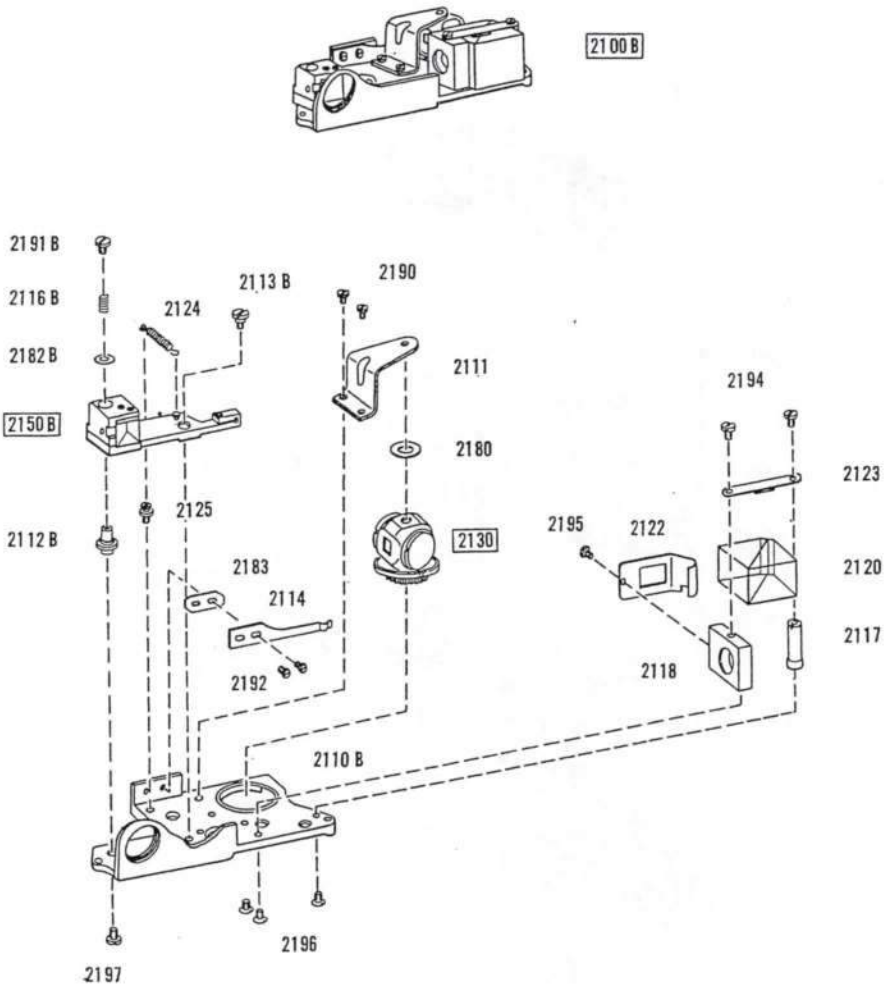

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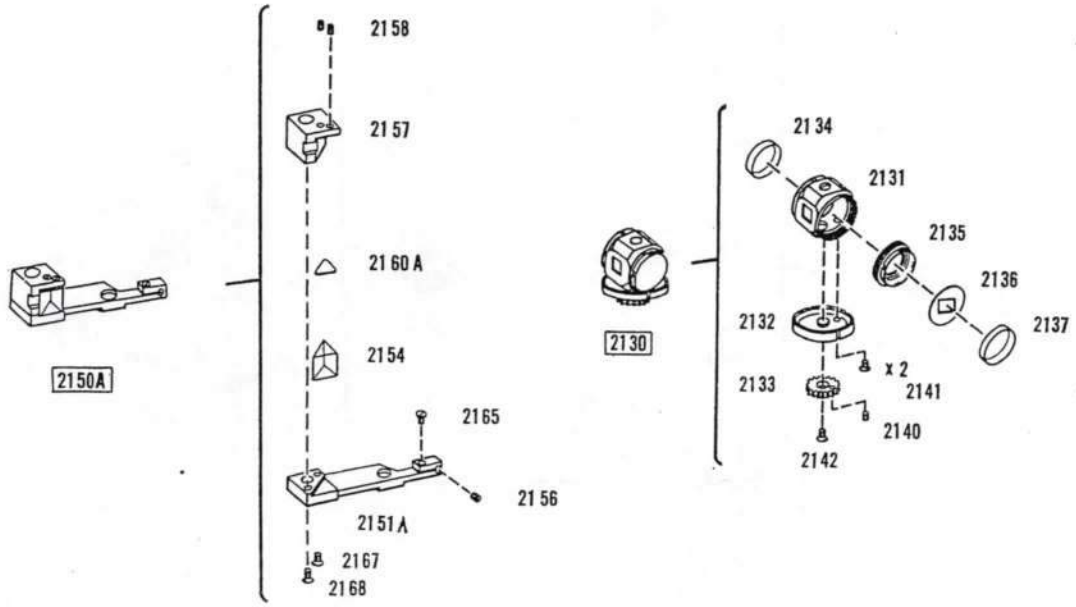

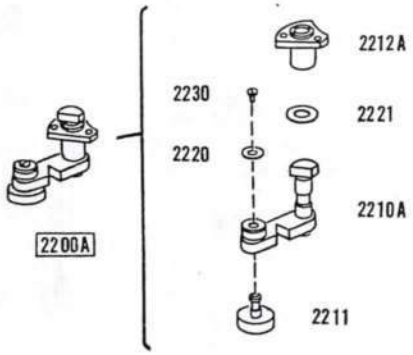

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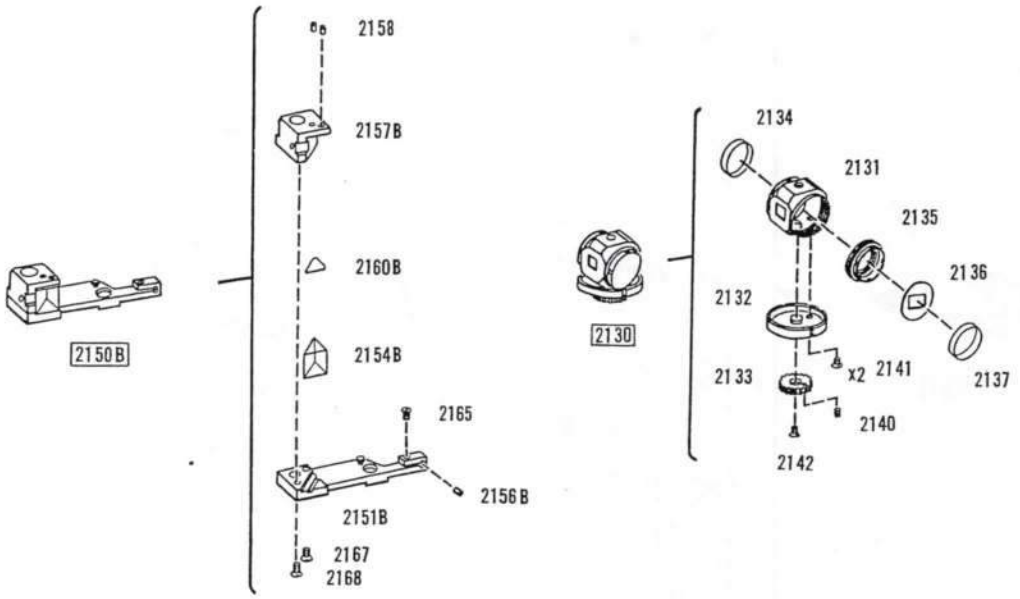

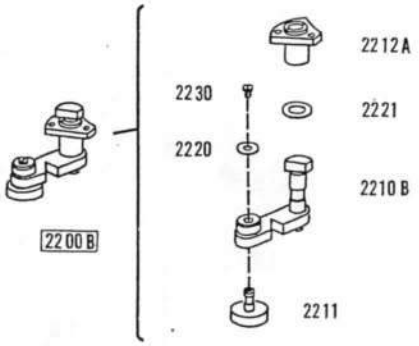

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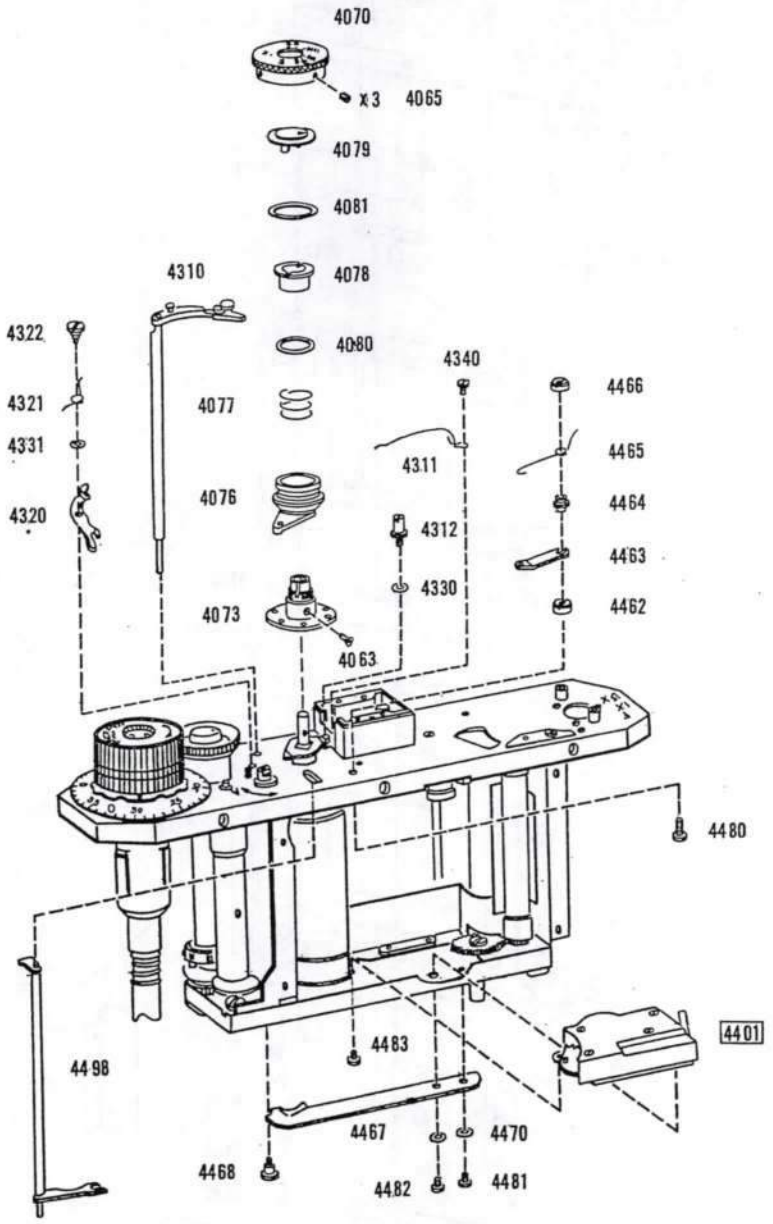

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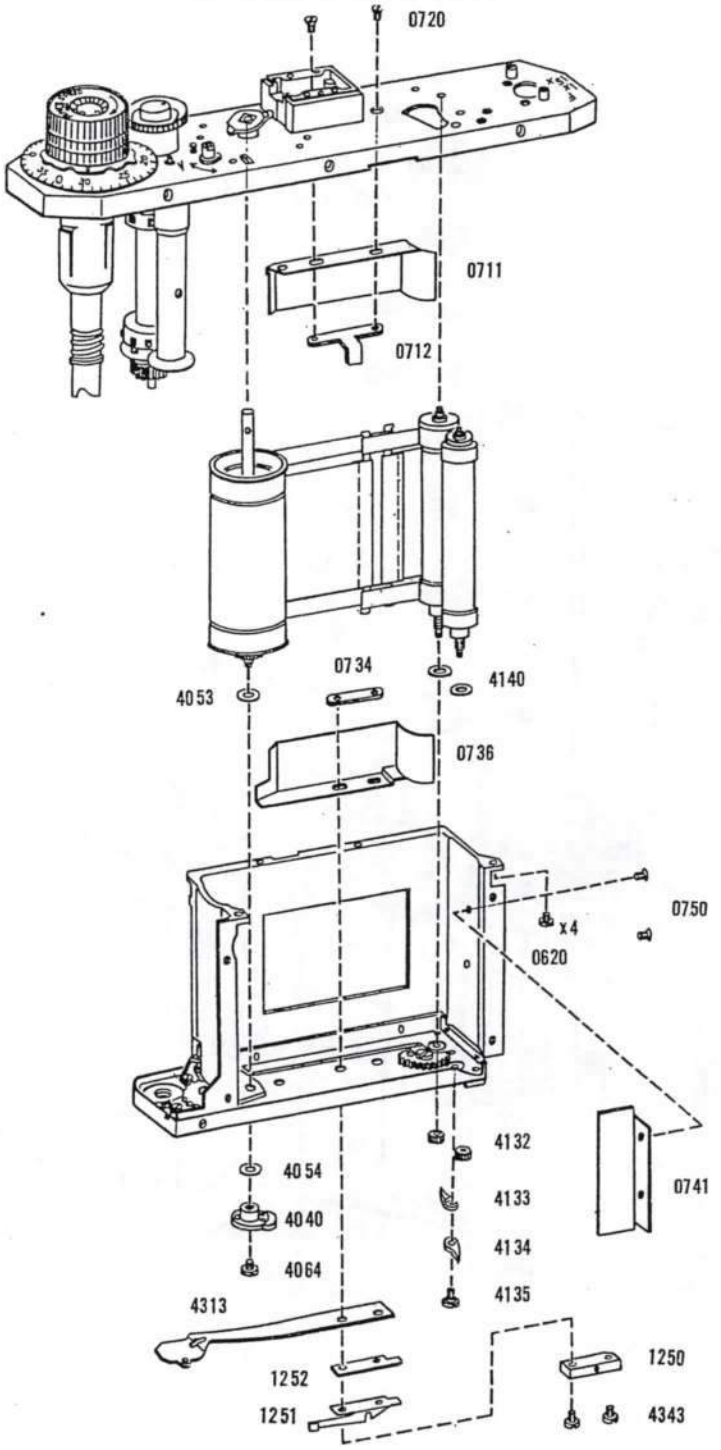

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CANON CAMERA CO., INC.

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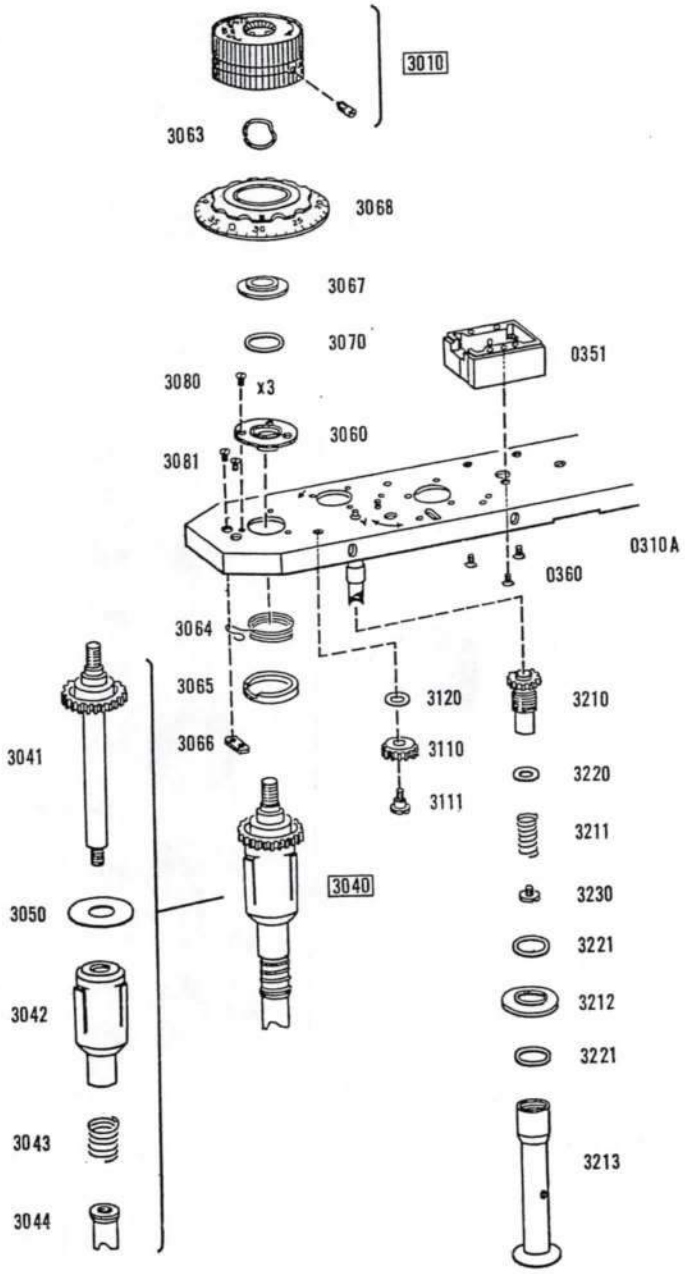

EXPLODED VIEW
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CANON CAMERA BODY MODEL IV-S2
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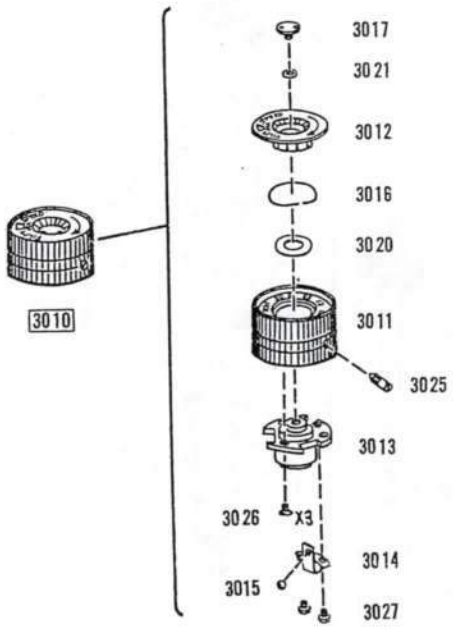

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REFERENCE NO. C-10310

EXPLODED VIEW
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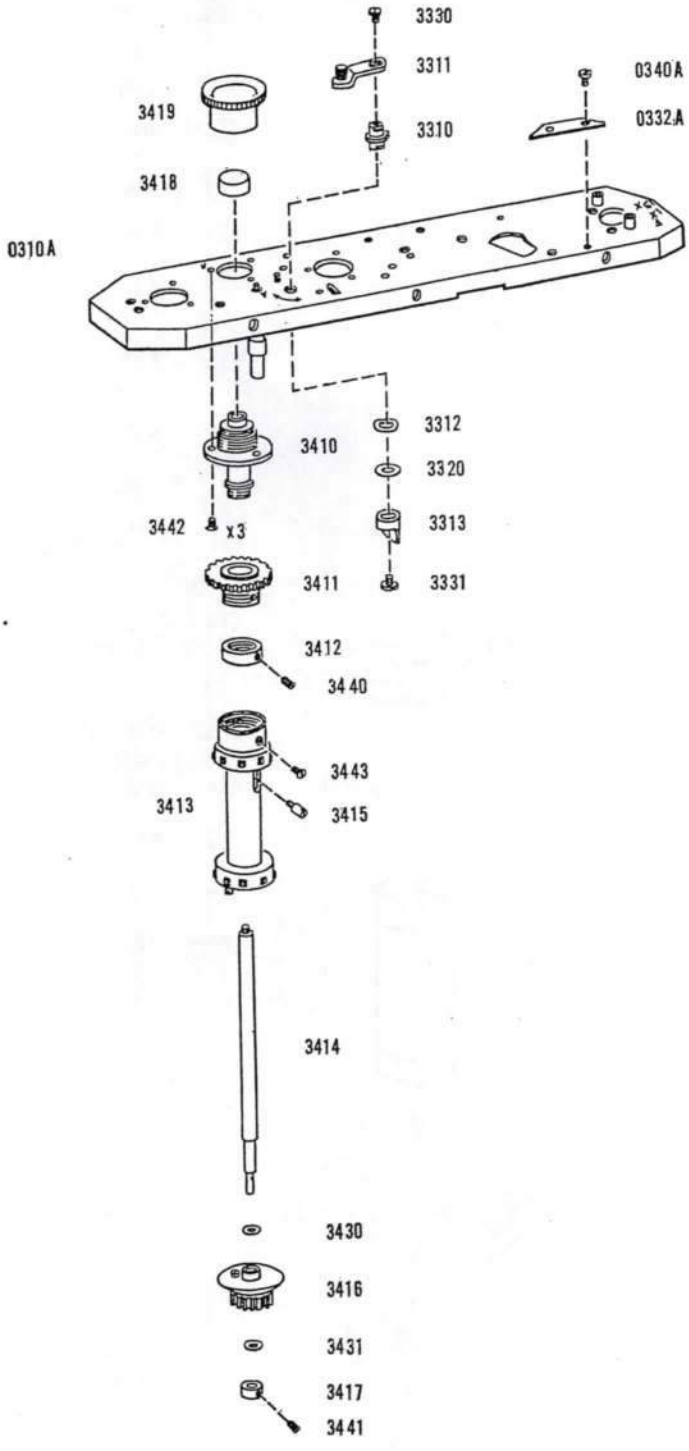
CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000



TECHNICAL ENGINEERING DEPT.
CANON CAMERA CO., INC.

JUNE 1956

REFERENCE NO. C-10310

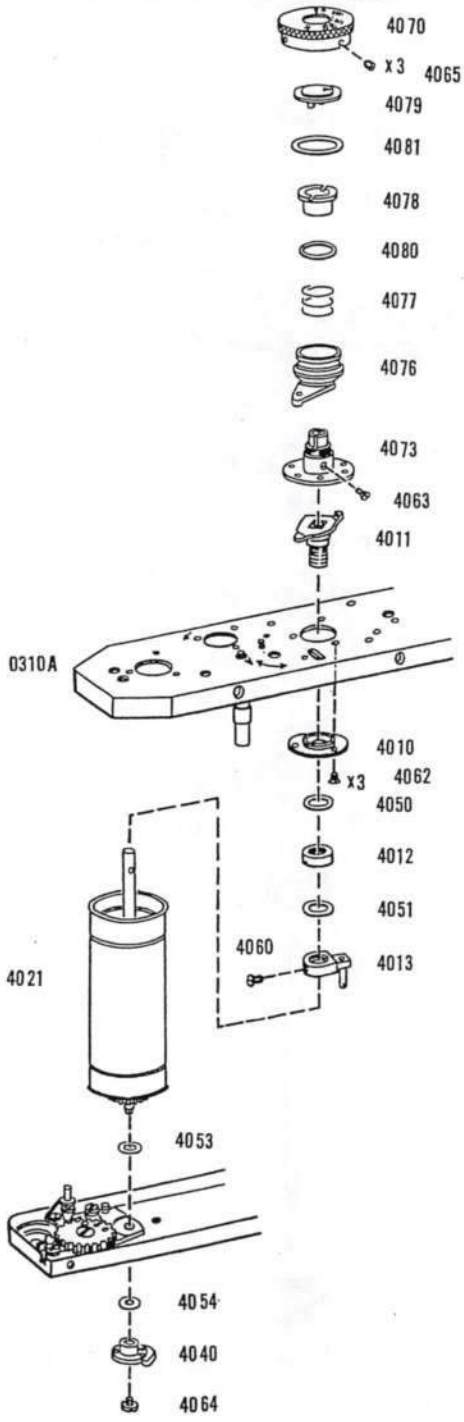
EXPLODED VIEW

of

CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000

SHEET No. 17



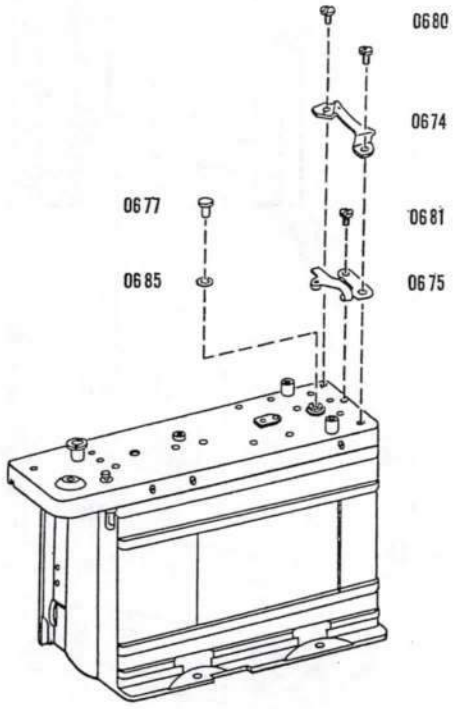
TECHNICAL ENGINEERING DEPT.

CANON CAMERA CO., INC.

JUNE 1956

REFERENCE NO.C-10310

EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2
WITH SERIAL NUMBER ABOVE 200,000

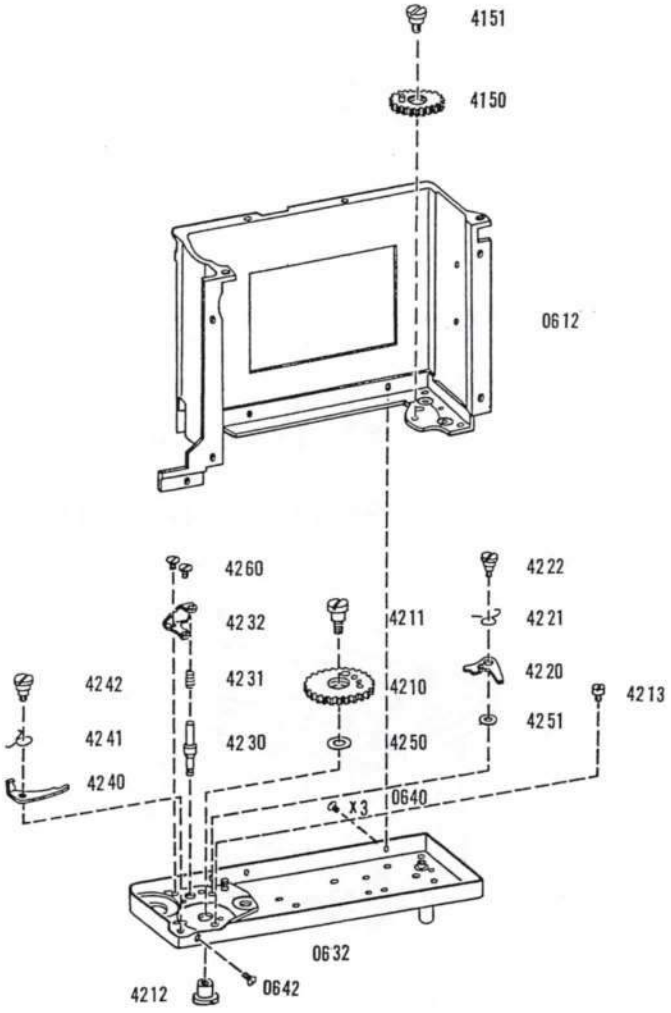


EXPLODED VIEW

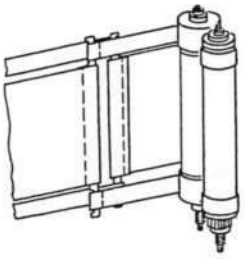
of

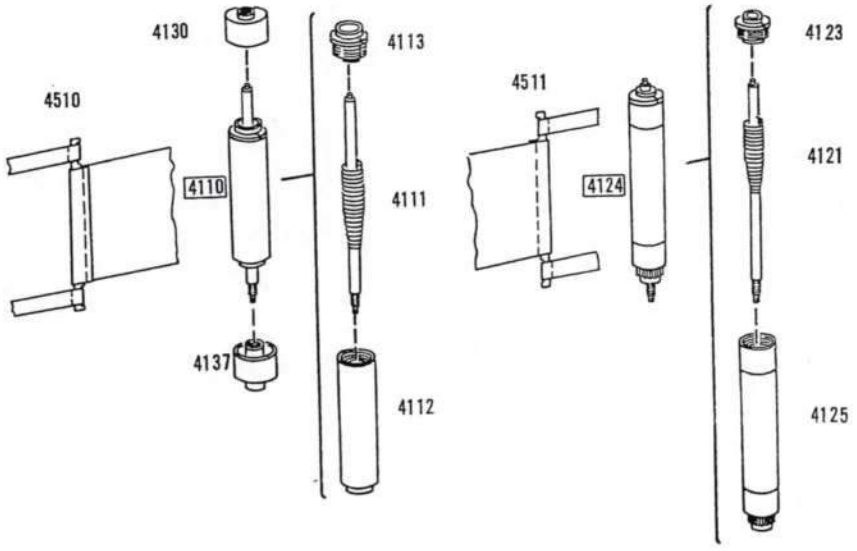
CANON CAMERA BODY MODEL IV-S2

WITH SERIAL NUMBER ABOVE 200,000



EXPLODED VIEW
of
CANON CAMERA BODY MODEL IV-S2
WITH SERIAL NUMBER ABOVE 200,000





Section II

CAMERA MODELS and PARTS LIST

When ordering parts be sure to indicate NOMENCLATURE, CAMERA MODEL, PARTS NUMBER, DESCRIPTION and quantity needed.

NOTES: 1. ※ and ⊙ indicate that the parts is further broken down in the column corresponding to the marking.

2. ★ indicate that the part is for cameras whose serial number is above 200,000 .

NOMENCLATURE	II-S	II-F	II-D	IV-S2	DESCRIPTION	DIAGRAM SHEET No.
Body Case	0000	0000	-	0000	Body Case with Flash Terminal (Assembly)	4
	0010	0010	-	0010	Body Case	5
	-	-	0012	-	Body Case	
	0090	0090	0090	0090	D-ring	
Lens Mounting Flange	0100	0100	0100	0100	Set	
	0110	0110	0110	0110	Flange	4
	0111	0111	0111	0111	Washer	4
	0112	0112	0112	0112	Support Nut	4
	0113	0113	0113	0113	Support Nut	4
	0120	0120	0120	0120	Screw 0110/0010×4	4
Pressure Plate	0200	0200	0200	0200	Set	
	0210	0210	0210	0210	Pressure Plate	4
	0211	0211	0211	0211	Spring×2	4
Top Cover	0300A	0300A	0300A	0300A	Set	
	0310A	0310A	0310A	0310A	Top Cover	14,16
	0320	0320	0320	0320	Screw 0310A/0010, 0012×6	4
	0330A	0330A	0330A	0330A	Set	
	0332A	0332A	0332A	0332A	Washer	16
	0340A	0340A	0340A	0340A	Screw 0310A/0332A	16

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	0350	0350	0350	0350		Set	
	0351	0351	0351	0351		Accessory Clip Base	14
	0360	0360	0360	0360		Screw 0351/0310A × 3	14
Range View Finder Cover	0401	0401	0401	0401	★	Set	
	0412	0412	0412	0412	★	Range View Finder Cover	7
	0411	0411	0411	0411		Retainer Ring	7
	0420	0420	0420	0420		Washer × 2	7
	0430	0430	0430	0430		Screw 0410B/0310A × 2	7
	0431	0431	0431	0431		Screw	7
	0432	0432	0432	0432		Screw 0410B/0351	7
Base Plate	0500	0500	0500	0500		Assembly (¼" Tripod Screw)	1
	0501	0501	0501	0501		Assembly (⅜" Tripod Screw)	
	0510	0510	0510	0510		Base Plate With ¼" Tripod Screw	3
	0515	0515	0515	0515		Base Plate With ⅜" Tripod Screw	
	0511	0511	0511	0511		Handle	3
	0512	0512	0512	0512		Stud	3
	0513	0513	0513	0513		Lock	3
	※0520	0520	0520	0520		Magazine Opening Disk	3
	0530	0530	0530	0530		Washer	3
	0531	0531	0531	0531		Washer	3
	0540	0540	0540	0540		Screw 0511/0512 × 2	3
	0541	0541	0541	0541		Stopper	3
	0542	0542	0542	0542		Shaft for Lock	3
	0543	0543	0543	0543		Screw 0521/0512	3
	※0520	0520	0520	0520		Magazine Opening Disk (Assembled)	3
	0521	0521	0521	0521		Base Plate	3
	0522	0522	0522	0522		Spring	3

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	0523	0523	0523	0523		Moving Plate	3
	0524	0524	0524	0524		Magazine Opening Disk	3
	0525	0525	0525	0525		Screw 0521/0524 × 4	3
Picture Frame & Bottom Plate	0602	0602	0602	0602	★	Set for Picture Frame	
	0612	0612	0612	0612	★	Picture Frame	19
	0620	0620	0620	0620		Screw 0612/0310A × 4	13
	0622	0622	0622	0622		Screw 0612/0010, 0012 × 3	4
	0624	0624	0624	0624		Screw 0612/0010, 0012	4
	0632	0632	0632	0632	★	Bottom Plate	19
	0640	0640	0640	0640		Screw 0632/0612 × 3	19
	0642	0642	0642	0642		Screw 0632/0612	19
	0655	0655	0655	0655	★	Set	
	0656	0656	0656	0656	★	Bottom Plate Cover	2
	0657	0657	0657	0657	★	Film Loading Guide	2
	0660	0660	0660	0660		Screw 0656/0632 × 2	2
	0661	0661	0661	0661		Screw 0656/4212	2
	0672	-	-	0672	★	Set	
	-	0673	0673	-	★	Set	
	0674	0674	0674	0674	★	Lock Holder	18
	0675	-	-	0675	★	Contact	18
	-	0676	0676	-	★	Washer	
	0677	-	-	0677	★	Plunger Pin	18
	0680	0680	0680	0680		Screw 0674/0675, 0676, 0632	18
	0681	-	-	0681	★	Screw 0675/0632	18
	0685	-	-	0685	★	Washer	18
Light Shield	0710	0710	0710	0710		Set	
	0711	0711	0711	0711		Top Light Shield	13

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	0712	0712	0712	0712		Bracket	13
	0720	0720	0720	0720		Screw 0711/0310A	13
	0735	0735	0735	0735	★	Set for Picture Frame	
	0736	0736	0736	0736	★	Bottom Light Shield	13
	0734	0734	0734	0734		Reinforcing Plate	13
	0740	0740	0740	0740		Set	
	0741	0741	0741	0741		Side Shield	13
	0750	0750	0750	0750		Screw 0741/0612	I3
Accessory Clip	0816	0816	0816	0816	★	Assembly	7, 8
	0817	0817	0817	0817	★	Clip	8
	0812	0812	0812	0812		Washer	8
	0813	0813	0813	0813		Pressure Rail	8
	0814	0814	0814	0814		Spring	8
	0815	0815	0815	0815		Assembly Screw	8
	0820	0820	0820	0820		Screw 0816/0351 × 4	7
Flash Terminal	1000	1000	-	1000		Set	
	1010	1010	-	1010		Bracket	5
	1011	1011	-	1011		Insulator	5
	1012	1012	-	1012		Contact	5
	1013	1013	-	1013		Contact Spring	5
	1014	1014	-	1014		Insulator Plate	5
	1015	1015	-	1015		Insulator Plate	5

NOMENCLATURE	II-S	II-F	II-D	IV-S2		DESCRIPTION	DIAGRAM SHEET No.
	1016	1016	-	1016		Insulator Ring	5
	1020	1020	-	1020		Washer	5
	1030	1030	-	1030		Screw 1010/0010×4	5
	1031	1031	-	1031		Screw 1013/0010×2	5
High Speed Circuit	1103	-	-	1103	★	Assembly	
	-	1104	-	-	★	Assembly	
	1150	1150	-	1150	★	Insulator Base	6
	1151	1151	-	1151	★	Contact	6
	1152	1152	-	1152	★	Contact	6
	1153	1153	-	1153	★	Terminal	6
	1154	-	-	1154	★	Terminal	6
	-	1155	-	-	★	Terminal	
	1120	1120	-	1120		Screw 1151, 1152/1150×4	6
	1121	1121	-	1121		Screw 1150/0632×2	6
	1130	1130	-	1130		Set	
	1131	1131	-	1131		High Speed Circuit Lever	6
	1132	1132	-	1132		Screw	6
	1140	1140	-	1140		Washer	6
Slow Speed Circuit	1202	-	-	1202	★	Assembly	
	1250	-	-	1250	★	Insulator Base	6,13
	1251	-	-	1251	★	X-Contact	6,13
	1252	-	-	1252	★	Insulator Base	6,13
	1253	-	-	1253	★	Screw 1251/1250	6
Safety Circuit	1300	1300		1300		Assembly	
	1310	1310		1310		Insulator Base	6
	1312	1312		1312		Contact	6